BIOCRYST PHARMACEUTICALS INC Form DEFM14A May 30, 2018

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#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

# **SCHEDULE 14A**

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the Registrant ý

Filed by a Party other than the Registrant o

Check the appropriate box:

- o Preliminary Proxy Statement
- o Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- ý Definitive Proxy Statement
- o Definitive Additional Materials
- o Soliciting Material under §240.14a-12

#### **BIOCRYST PHARMACEUTICALS, INC.**

(Name of Registrant as Specified In Its Charter)

N/A

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- ý No fee required.
- o Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
  - (1) Title of each class of securities to which transaction applies:
  - (2) Aggregate number of securities to which transaction applies:
  - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

- (4) Proposed maximum aggregate value of transaction:
- (5) Total fee paid:
- o Fee paid previously with preliminary materials.
- o Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.
  - (1) Amount Previously Paid:
  - (2) Form, Schedule or Registration Statement No.:
  - (3) Filing Party:
  - (4) Date Filed:

#### EXPLANATORY NOTE

This joint proxy statement/prospectus amends and restates the joint proxy statement/prospectus dated March 29, 2018, which was previously mailed to the stockholders of BioCryst Pharmaceuticals, Inc. and the stockholders of Idera Pharmaceuticals, Inc. on or about April 2, 2018 in connection with the proposed strategic business combination of BioCryst and Idera in order to (1) revise the record date for the special meeting of Idera stockholders and the special meeting of BioCryst stockholders to May 29, 2018 and (2) revise the date of the special meeting of Idera stockholders and the special meeting of BioCryst stockholders to July 10, 2018.

#### MERGERS PROPOSED YOUR VOTE IS VERY IMPORTANT

#### Dear Stockholders:

As previously disclosed, the BioCryst Pharmaceuticals, Inc. ("*BioCryst*") board of directors (the "*BioCryst board*") and the Idera Pharmaceuticals, Inc. ("*Idera*") board of directors (the "*Idera board*") have unanimously approved and BioCryst and Idera have entered into an Agreement and Plan of Merger, dated as of January 21, 2018 (the "*merger agreement*") with respect to a strategic business combination. Pursuant to the terms of the merger agreement, (i) Island Merger Sub, Inc. ("*Merger Sub A*"), a wholly owned subsidiary of Nautilus Holdco, Inc. ("*Holdco*"), which is in turn a wholly owned subsidiary of BioCryst and a party to the merger agreement, will merge with and into Idera, with Idera surviving as a wholly owned subsidiary of Holdco (the "*Idera merger*"), and (ii) Boat Merger Sub, Inc. ("*Merger Sub B*"), a wholly owned subsidiary of Holdco and a party to the merger agreement, will merge with and into Idera, with Idera surviving as a wholly owned subsidiary of Holdco (the "*Idera merger*"), and (ii) Boat Merger Sub, Inc. ("*Merger Sub B*"), a wholly owned subsidiary of Holdco and a party to the merger agreement, will merge with and into BioCryst, with BioCryst surviving as a wholly owned subsidiary of Holdco (the "*BioCryst merger*" and together with the Idera merger, the "*mergers*"). Upon completion of the mergers, BioCryst and Idera, and their respective subsidiaries, will become wholly owned subsidiaries of Holdco and will operate as a combined company under the name Valenscion Incorporated.

Upon completion of the mergers, each issued and outstanding share of Idera common stock will be converted into the right to receive 0.20 shares of Holdco common stock (the "*Idera exchange ratio*"), and each issued and outstanding share of BioCryst common stock will be converted into the right to receive 0.50 shares of Holdco common stock (the "*BioCryst exchange ratio*" and together with the Idera exchange ratio, the "*exchange ratio*"). The exchange ratios will not be adjusted for changes in the market price of either BioCryst common stock or Idera common stock between the date of signing of the merger agreement and completion of the mergers. Upon completion of the mergers, each issued and outstanding share of Idera preferred stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive an amount of Holdco common stock based on its liquidation preference.

Upon closing of the mergers, BioCryst stockholders (including holders of securities convertible, exchangeable or exercisable for shares of BioCryst common stock) immediately prior to the closing of the mergers will beneficially own approximately 51.6% of Holdco, and Idera stockholders (including holders of securities convertible, exchangeable or exercisable for shares of Idera common stock) immediately prior to the effective time of the mergers will beneficially own approximately 48.4% of Holdco, each calculated on a fully diluted basis using the treasury stock method. BioCryst and Idera will each hold a special meeting of its respective stockholders to consider the mergers. At the special meeting of BioCryst stockholders (the "*BioCryst special meeting*"), BioCryst stockholders will be asked to vote on a proposal to adopt the merger agreement, a proposal to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the merger agreement. At the special meeting of Idera stockholders (the "*Idera special meeting*"), Idera stockholders will be asked to vote on a proposal to adopt the merger and proposal to adopt the merger agreement. At the special meeting of Idera stockholders (the "*Idera special meeting*"), Idera stockholders will be asked to vote on a proposal to adopt the merger agreement and a proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the merger agreement and a proposal to approve, on a non-binding advisory basis, the compensation that may become payable to stockholders will be asked to vote on a proposal to adopt the merger agreement and a proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

Affiliates of Baker Bros. Advisors, LP ("*Baker Brothers*"), the beneficial owner of approximately 14% of issued and outstanding BioCryst common stock and approximately 18% of issued and outstanding Idera common stock, have agreed, among other things, to vote their shares of BioCryst common stock and Idera common stock in favor of the proposal to adopt the merger agreement at each of the BioCryst special meeting and Idera special meeting.

On or about April 2, 2018, Idera stockholders and BioCryst stockholders were mailed a joint proxy statement/prospectus related to the special meetings that were originally scheduled for May 9, 2018. On April 10, 2018, BioCryst and Idera announced the postponement of their respective special meetings, following investor feedback, to provide stockholders adequate time to consider new clinical data from Idera regarding its IMO-2125 program, which will be presented at the American Society of Clinical Oncology meeting being held June 1-5, 2018 in Chicago, Illinois. Each of the BioCryst special meeting and the Idera special meeting will now be held on July 10, 2018. In connection with the postponed meeting dates, the revised record date for each of Idera and BioCryst is May 29, 2018.

We cannot complete the mergers unless the BioCryst stockholders and Idera stockholders approve the respective proposals of each company with respect to

the mergers as described above. Your vote is very important, regardless of the number of shares you own. Whether or not you expect to attend either special meeting in person, please submit a proxy to vote your shares as promptly as possible so that your shares may be represented and voted at the BioCryst special meeting or the Idera special meeting, as applicable. However, if you previously submitted a proxy for either the Idera special meeting or the

BioCryst special meeting originally scheduled for May 9, 2018, which proxy has not subsequently been revoked, and are a holder of record on May 29, 2018 and you do not want to change or revoke your proxy, you do not need to take any action. Accordingly, Idera or BioCryst, as applicable, intend to vote such proxy at the respective special meeting on July 10, 2018, as directed by your previously submitted proxy.

The BioCryst board has unanimously approved the merger agreement and determined that the merger agreement and the transactions contemplated thereby, including the mergers, are advisable, fair to and in the best interests of BioCryst and its stockholders. The BioCryst board unanimously recommends that BioCryst stockholders vote "*FOR*" the proposal to adopt the merger agreement, "*FOR*" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers and "*FOR*" the proposal to adjourn the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

The Idera board has unanimously approved the merger agreement and determined that the merger agreement and the transactions contemplated thereby, including the mergers, are advisable, fair to and in the best interests of Idera and its stockholders. The Idera board unanimously recommends that Idera stockholders vote "*FOR*" the proposal to adopt the merger agreement and "*FOR*" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

The obligations of BioCryst and Idera to complete the mergers are subject to the satisfaction or waiver of several conditions set forth in the merger agreement. The accompanying joint proxy statement/prospectus contains detailed information about BioCryst, Idera, the special meetings, the merger agreement and the mergers. BioCryst and Idera encourage you to read the joint proxy statement/prospectus carefully and in its entirety, including the section entitled "Risk Factors" beginning on page 22 of this joint proxy statement/prospectus.

We look forward to the successful combination of BioCryst and Idera.

Sincerely,

Sincerely,

Vincent J. Milano President and Chief Executive Officer Idera Pharmaceuticals, Inc. Jon P. Stonehouse President and Chief Executive Officer BioCryst Pharmaceuticals, Inc.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved the mergers and other transactions described in the joint proxy statement/prospectus, nor have they approved or disapproved of the securities to be issued under this joint proxy statement/prospectus or determined if this joint proxy statement/prospectus is accurate or complete. Any representation to the contrary is a criminal offense.

This joint proxy statement/prospectus is dated May 30, 2018 and is first being mailed to Idera stockholders and BioCryst stockholders on or about June 4, 2018.

# **Idera Pharmaceuticals, Inc.**

167 Sidney Street Cambridge, Massachusetts 02139 (617) 679-5500

#### NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

#### To Be Held On July 10, 2018

To the Stockholders of Idera Pharmaceuticals, Inc.:

We are pleased to invite you to attend the special meeting of stockholders (the "*Idera special meeting*") of Idera Pharmaceuticals, Inc. ("*Idera*"), a Delaware corporation, which will be held at Idera's offices located at 505 Eagleview Boulevard, Suite 212, Exton, Pennsylvania 19341, on July 10, 2018, at 10:00 a.m., Eastern Time, for the following purposes:

to adopt the Agreement and Plan of Merger, dated as of January 21, 2018 (as it may be amended from time to time, the "*merger agreement*"), a copy of which is attached as Annex A to this joint proxy statement/prospectus of which this notice is a part, by and among BioCryst Pharmaceuticals, Inc. ("*BioCryst*"), Idera, Nautilus Holdco, Inc. ("*Holdco*"), a wholly owned subsidiary of BioCryst, Island Merger Sub, Inc. ("*Merger Sub A*"), a wholly owned subsidiary of Holdco, and Boat Merger Sub, Inc. ("*Merger Sub B*"), a wholly owned subsidiary of Holdco, pursuant to which Merger Sub A shall be merged with and into Idera, with Idera as the surviving entity, continuing as a wholly owned subsidiary of Holdco (the "*Idera merger*"), and Merger Sub B shall be merged with and into BioCryst, with BioCryst as the surviving entity, continuing as a wholly owned subsidiary of Holdco (the "*BioCryst merger*" and together with the Idera merger, the "*mergers*"); and (i) each issued and outstanding share of BioCryst common stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive 0.20 of a newly issued share of Holdco common stock, (ii) each issued and outstanding share of Idera preferred stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive 0.20 of a newly issued share of Holdco common stock and (iii) each issued and outstanding share of Idera preferred stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive 0.20 of a newly issued share of Holdco common stock and (iii) each issued and outstanding share of Idera preferred stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive an amount of Holdco common stock based on its liquidation preference; and

to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

The Idera special meeting was originally scheduled for May 9, 2018 but has been postponed and rescheduled for July 10, 2018, following investor feedback, to provide stockholders adequate time to consider new clinical data from Idera regarding its IMO-2125 program, which will be presented at the American Society of Clinical Oncology meeting being held June 1-5, 2018 in Chicago, Illinois.

Idera will transact no other business at the Idera special meeting except such business as stated in the notice of the Idera special meeting. Please refer to the joint proxy statement/prospectus of which this notice forms a part for further information with respect to the business to be transacted at the Idera special meeting.

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Completion of the mergers is conditioned on, among other things, approval by the Idera stockholders of the proposal to adopt the merger agreement.

The Idera board of directors (the "*Idera board*") has unanimously approved the merger agreement and determined that the merger agreement and the transactions contemplated thereby, including the mergers, are advisable, fair to and in the best interests of Idera and its stockholders. The Idera board unanimously recommends that Idera stockholders vote "*FOR*" the proposal to adopt the merger agreement and "*FOR*" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

The Idera board has fixed the close of business on May 29, 2018 as the Idera record date for determination of Idera stockholders entitled to receive notice of, and to vote at, the Idera special meeting or any adjournments or postponements thereof. Only holders of record of Idera common stock at the close of business on the Idera record date are entitled to receive notice of, and to vote at, the Idera special meeting or any adjournments or postponements thereof.

A list of the names of Idera stockholders of record will be available for 10 days prior to the Idera special meeting for any purpose germane to the special meeting during regular business hours, at the office of Idera's Assistant Secretary, 505 Eagleview Boulevard, Suite 212, Exton, Pennsylvania 19341. The Idera stockholder list will also be available at the Idera special meeting for examination by any stockholder present at such meeting.

YOUR VOTE IS VERY IMPORTANT REGARDLESS OF THE NUMBER OF SHARES THAT YOU OWN. The mergers cannot be completed without the adoption of the merger agreement by the affirmative vote of the holders of a majority of the issued and outstanding shares of Idera common stock entitled to vote on the merger agreement proposal as of the record date for the Idera special meeting.

Whether or not you expect to attend the Idera special meeting in person, we urge you to submit a proxy to vote your shares as promptly as possible by either (1) logging on to www.investorvote.com/IDRA and following the instructions on your proxy card; (2) dialing 1-800-652-VOTE (8683) and listening for further directions; or (3) signing and returning the enclosed proxy card in the postage-paid envelope provided, so that your shares may be represented and voted at the Idera special meeting. If your shares are held in the name of a bank, broker or other nominee, including an employee benefit plan trustee, please follow the instructions on the voting instruction card furnished by the record holder, as appropriate. However, if you previously submitted a proxy for the Idera special meeting originally scheduled for May 9, 2018, which proxy has not subsequently been revoked, and are a holder of record on May 29, 2018 and you do not want to change or revoke your proxy, you do not need to take any action. Accordingly, Idera intends to vote such proxy at the Idera special meeting on July 10, 2018, as directed by your previously submitted proxy.

The enclosed joint proxy statement/prospectus provides a detailed description of the mergers and the merger agreement as well as a description of the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers. We urge you to read this joint proxy statement/prospectus, including any documents incorporated by reference, and the Annexes carefully and in their entirety. If you have any questions concerning the mergers or this joint proxy statement/prospectus, would like additional copies or need help voting your shares of Idera common stock, please contact Idera's proxy solicitor:

1407 Broadway, 27th Floor New York, New York 10018 Stockholders May Call Toll-Free: 800-322-2885 Banks and Brokers May Call Collect: 212-929-5500 Email: proxy@mackenziepartners.com

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By Order of the Idera Pharmaceuticals, Inc. Board of Directors,

Louis J. Arcudi, III Senior Vice President of Operations, Chief Financial Officer, Treasurer and Assistant Secretary

Cambridge, Massachusetts May 30, 2018

# **BIOCRYST PHARMACEUTICALS, INC.**

4505 Emperor Blvd., Suite 200 Durham, North Carolina 27703

### NOTICE OF 2018 SPECIAL MEETING OF STOCKHOLDERS

#### To Be Held On July 10, 2018

To the Stockholders of BioCryst Pharmaceuticals, Inc.:

This is a notice that a special meeting of stockholders (the "*BioCryst special meeting*") of BioCryst Pharmaceuticals, Inc., a Delaware corporation ("*BioCryst*"), will be held at BioCryst's corporate offices at 4505 Emperor Blvd., Suite 200, Durham, North Carolina 27703 on July 10, 2018 at 10:00 a.m., Eastern Time, for the following purposes:

to adopt the Agreement and Plan of Merger, dated as of January 21, 2018 (as it may be amended from time to time, the "*merger agreement*"), a copy of which is attached as Annex A to this joint proxy statement/prospectus of which this notice is a part, by and among BioCryst, Idera Pharmaceuticals, Inc. ("*Idera*"), Nautilus Holdco, Inc. ("*Holdco*"), a wholly owned subsidiary of BioCryst, Island Merger Sub, Inc. ("*Merger Sub A*"), a wholly owned subsidiary of Holdco, and Boat Merger Sub, Inc. ("*Merger Sub B*"), a wholly owned subsidiary of Holdco, pursuant to which Merger Sub A shall be merged with and into Idera, with Idera as the surviving entity, continuing as a wholly owned subsidiary of Holdco (the "*Idera merger*") and Merger Sub B shall be merged with and into BioCryst, with BioCryst as the surviving entity, continuing as a wholly owned subsidiary of Holdco (the "*BioCryst merger*" and together with the Idera merger, the "*mergers*"); and (i) each issued and outstanding share of BioCryst common stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive 0.20 of a newly issued share of Holdco common stock, and (ii) each issued and outstanding share of Idera preferred stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive 0.20 of a newly issued share of Holdco common stock and (iii) each issued and outstanding share of Idera preferred stock (with certain exceptions described in the accompanying joint proxy statement/prospectus) will be converted into the right to receive an amount of Holdco common stock based on its liquidation preference;

to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers; and

to approve the adjournment of the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

The BioCryst special meeting was originally scheduled for May 9, 2018 but has been postponed and rescheduled for July 10, 2018, following investor feedback, to provide stockholders adequate time to consider new clinical data from Idera regarding its IMO-2125 program, which will be presented at the American Society of Clinical Oncology meeting being held June 1-5, 2018 in Chicago, Illinois.

BioCryst's board of directors (the "*BioCryst board*") unanimously (i) determined that the merger agreement and the transactions contemplated thereby, including the mergers, are fair, advisable and in the best interests of BioCryst and its stockholders, (ii) approved the execution, delivery and performance by BioCryst of the merger agreement and the consummation of the transactions contemplated thereby, including the mergers, and (iii) resolved to recommend that the stockholders of BioCryst approve the adoption of the merger agreement and the transactions contemplated thereby. Accordingly, the BioCryst board recommends that BioCryst stockholders vote "FOR" the adoption of the merger agreement, "FOR" the approval on a non-binding advisory basis, the compensation that may

become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers and "FOR" the adjournment of

# the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

May 29, 2018 has been fixed as the BioCryst record date for determination of BioCryst stockholders entitled to receive notice of, and to vote at, the BioCryst special meeting or any adjournments or postponements thereof. Only holders of record of BioCryst common stock at the close of business on the BioCryst record date are entitled to receive notice of, and to vote at, the BioCryst special meeting.

A list of the stockholders entitled to vote at the BioCryst special meeting will be open to examination by any stockholder, for any purpose germane to the BioCryst special meeting, during ordinary business hours, for a period of at least 10 days prior to the BioCryst special meeting at the principal executive offices of BioCryst in Durham, North Carolina.

YOUR VOTE IS VERY IMPORTANT REGARDLESS OF THE NUMBER OF SHARES THAT YOU OWN. The mergers cannot be completed without the adoption of the merger agreement by the affirmative vote of the holders of a majority of the issued and outstanding shares of BioCryst common stock entitled to vote on the merger agreement proposal as of the record date for the BioCryst special meeting.

Whether or not you expect to attend the BioCryst special meeting in person, we urge you to submit a proxy to have your shares voted as promptly as possible by either: (1) logging on to the website shown on your proxy card and following the instructions to vote online; (2) dialing the toll-free number shown on your proxy card and following the instructions to vote by phone; or (3) signing and returning the enclosed proxy card in the postage-paid envelope provided, so that your shares may be represented and voted at the BioCryst special meeting. If your shares are held in a BioCryst plan or in the name of a broker, bank or other nominee, please follow the instructions on the voting instruction form furnished by the plan trustee or administrator, or such broker, bank or other nominee, as appropriate. However, if you previously submitted a proxy for the BioCryst special meeting originally scheduled for May 9, 2018, which proxy has not subsequently been revoked, and are a holder of record on May 29, 2018 and you do not want to change or revoke your proxy, you do not need to take any action. Accordingly, BioCryst intends to vote such proxy at the BioCryst special meeting on July 10, 2018, as directed by your previously submitted proxy.

The enclosed joint proxy statement/prospectus provides a detailed description of the mergers and the merger agreement as well as a description of the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers. We urge you to read this joint proxy statement/prospectus, including any documents incorporated by reference, and the Annexes carefully and in their entirety. If you have any questions concerning the mergers or this joint proxy statement/prospectus, would like additional copies or need help voting your shares of BioCryst common stock, please contact BioCryst's proxy solicitor:

Innisfree M&A Incorporated 501 Madison Avenue, 20th floor New York, New York 10022 Stockholders May Call Toll Free: 888-750-5834 Banks & Brokers May Call Collect: 212-750-5833

> By Order of the BioCryst Pharmaceuticals, Inc. Board of Directors,

Alane P. Barnes Corporate Secretary

Durham, North Carolina May 30, 2018

#### ADDITIONAL INFORMATION

This joint proxy statement/prospectus incorporates important business and financial information about Idera Pharmaceuticals, Inc. ("*Idera*") and BioCryst Pharmaceuticals, Inc. ("*BioCryst*") from other documents that are not included in or delivered with this joint proxy statement/prospectus. This information is available to you without charge upon your request. You can obtain the documents incorporated by reference into this joint proxy statement/prospectus free of charge by requesting them in writing or by telephone from the appropriate company's proxy solicitor at the following addresses and telephone numbers:

#### If you are an Idera Stockholder:

#### If you are a BioCryst Stockholder:

1407 Broadway, 27th Floor New York, New York 10018 Stockholders May Call Toll-Free: 800-322-2885 Banks & Brokers May Call Collect: 212-929-5500 Email: proxy@mackenziepartners.com 501 Madison Avenue, 20th floor New York, New York 10022 Stockholders May Call Toll Free: 888-750-5834 Banks & Brokers May Call Collect: 212-750-5833

You may also obtain any of the documents incorporated by reference into this joint proxy statement/prospectus without charge through the U.S. Securities and Exchange Commission (the "SEC") website at www.sec.gov. In addition, you may obtain copies of documents filed by Idera with the SEC by accessing Idera's website at www.iderapharma.com under the tab "Investors" and then under the heading "SEC Filings." You may also obtain copies of documents filed by BioCryst with the SEC by accessing BioCryst's website at www.biocryst.com under the tab "Investors" and then under the heading "SEC Documents."

We are not incorporating the contents of the websites of the SEC, Idera, BioCryst or any other entity into this joint proxy statement/prospectus. We are providing the information about how you can obtain certain documents that are incorporated by reference into this joint proxy statement/prospectus at these websites only for your convenience.

#### If you would like to request any documents, please do so by July 3, 2018 in order to receive them before the special meetings.

For a more detailed description of the information incorporated by reference in this joint proxy statement/prospectus and how you may obtain it, see "Where You Can Find More Information" beginning on page 172 of this joint proxy statement/prospectus.

#### ABOUT THIS JOINT PROXY STATEMENT/PROSPECTUS

This joint proxy statement/prospectus, which forms part of a registration statement on Form S-4 filed with the SEC by Holdco, constitutes a prospectus of Holdco under Section 5 of the Securities Act of 1933, as amended (the "*Securities Act*"), with respect to the shares of Holdco common stock to be issued to Idera stockholders and BioCryst stockholders pursuant to the mergers. This joint proxy statement/prospectus also constitutes a joint proxy statement for both Idera and BioCryst under Section 14(a) of the Securities Exchange Act of 1934, as amended (the "*Exchange Act*"). It also constitutes a notice of meeting with respect to the special meeting of Idera stockholders (the "*Idera special meeting*") and a notice of meeting with respect to the special meeting of BioCryst stockholders (the "*BioCryst special meeting*").

You should rely only on the information contained in or incorporated by reference into this joint proxy statement/prospectus. No one has been authorized to provide you with information that is different from that contained in, or incorporated by reference into, this joint proxy statement/prospectus. This joint proxy statement/prospectus is dated May 30, 2018. You should not assume that the information contained in this joint proxy statement/prospectus is accurate as of any date other than that date. You should not assume that the information incorporated by reference into this joint proxy statement/prospectus is accurate as of any date other than the date of the incorporated document. Neither our mailing of this joint proxy statement/prospectus to Idera stockholders or BioCryst stockholders nor the issuance by Holdco of shares of common stock pursuant to the merger agreement will create any implication to the contrary.

This joint proxy statement/prospectus does not constitute an offer to sell, or a solicitation of an offer to buy, any securities, or the solicitation of a proxy in any jurisdiction to or from any person to whom it is unlawful to make any such offer or solicitation. Information contained in this joint proxy statement/prospectus regarding Idera has been provided by Idera and information contained in this joint proxy statement/prospectus regarding BioCryst has been provided by BioCryst.

All references in this joint proxy statement/prospectus to "*Idera*" refer to Idera Pharmaceuticals, Inc., a Delaware corporation; all references in this joint proxy statement/prospectus to "*BioCryst*" refer to BioCryst Pharmaceuticals, Inc., a Delaware corporation; all references to "*Holdco*" refer to Nautilus Holdco, Inc., a Delaware corporation and wholly owned subsidiary of BioCryst formed for the sole purpose of becoming the parent entity of each of Idera and BioCryst following the mergers; all references to "*Merger Sub A*" refer to Island Merger Sub, Inc., a Delaware corporation and wholly owned subsidiary of Holdco formed for the sole purpose of effecting the Idera merger; all references to the "*Idera*" *merger*" refer to the merger of Merger Sub A with and into Idera, with Idera as the surviving entity, continuing as a wholly owned subsidiary of Holdco formed for the sole purpose of effecting the BioCryst merger." refer to the merger of Merger Sub B "refer to Boat Merger Sub, Inc., a Delaware corporation and wholly owned subsidiary of Holdco formed for the sole purpose of effecting the BioCryst merger; all references to the "*BioCryst merger*" refer to the merger of Merger Sub B with and into BioCryst, with BioCryst as the surviving entity, continuing as a wholly owned subsidiary of Holdco; and all references to "*mergers*" refers, collectively, to the Idera merger and BioCryst merger. Unless otherwise indicated or as the context requires, all references to "*we*," "*our*" and "*us*" refer to Idera and BioCryst collectively; and, unless otherwise indicated or as the context requires, all references to the "*merger agreement*" refer to the Agreement and Plan of Merger, dated as of January 21, 2018, by and among BioCryst, Idera, Holdco, Merger Sub A and Merger Sub B, a copy of which is attached as Annex A to this joint proxy statement/prospectus. Holdco, following completion of the mergers, is sometimes referred to in this joint proxy statement/prospectus as the "*combined company*," "*Valenscion Inco* 

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#### **QUESTIONS AND ANSWERS**

The following are some questions that you, as a stockholder of Idera or a stockholder of BioCryst, may have regarding the mergers and the other matters being considered at the special meetings and the answers to those questions. Idera and BioCryst urge you to carefully read the remainder of this joint proxy statement/prospectus because the information in this section does not provide all the information that might be important to you with respect to the mergers and the other matters being considered at the special meetings. Additional important information is also contained in the Annexes to, and the documents incorporated by reference into, this joint proxy statement/prospectus.

#### Q: Why am I receiving this joint proxy statement/prospectus and a new proxy card?

A:

As previously disclosed, BioCryst and Idera have agreed to a strategic business combination pursuant to the terms of the merger agreement that is described in this joint proxy statement/prospectus. A copy of the merger agreement is included as Annex A to this joint proxy statement/prospectus.

In order to complete the mergers, among other things, Idera stockholders and BioCryst stockholders must approve the adoption of the merger agreement.

BioCryst and Idera will hold separate special meetings of their respective stockholders to obtain these approvals. This joint proxy statement/prospectus and a new proxy card are being sent to you following the postponement of each of the BioCryst special meeting and the Idera special meeting that was originally scheduled for May 9, 2018 in connection with the proposal to adopt the merger agreement and the other matters to be voted on at the each of the Idera special meeting and the BioCryst special meeting. BioCryst and Idera are each rescheduling their respective special meeting, following investor feedback, to provide stockholders adequate time to consider new clinical data from Idera regarding its IMO-2125 program, which will be presented at the American Society of Clinical Oncology meeting being held June 1-5, 2018 in Chicago, Illinois. The Idera special meeting and the BioCryst special meeting are now scheduled to occur on July 10, 2018.

This joint proxy statement/prospectus, including its Annexes, contains and incorporates by reference important information about BioCryst, Idera, the special meetings, the merger agreement and the mergers. You should read all the available information carefully and in its entirety.

# Q: What should I do if I already voted using the proxy card sent in the joint proxy statement/prospectus that was mailed on or around April 2, 2018?

A:

If you previously submitted a proxy for either the Idera special meeting or the BioCryst special meeting originally scheduled for May 9, 2018, which proxy has not subsequently been revoked, and are a holder of record on May 29, 2018, BioCryst and Idera, as applicable, intend to vote such proxy at the respective special meeting on July 10, 2018, as directed by the previously submitted proxy by you. Accordingly, if you have already submitted a proxy, you do not need to take any action unless you want to change or revoke your proxy.

However, if you are an Idera stockholder and have acquired shares after March 22, 2018 (the "*original Idera record date*") or if you are a BioCryst stockholder and have acquired shares after April 4, 2018 (the "*original BioCryst record date*"), and those shares are held by a bank, broker or other nominee to whom you did not previously issue voting instructions with respect to the Idera special meeting or the BioCryst special meeting, as applicable, those newly acquired shares will not be voted unless you follow the instructions on your voting card or otherwise provided by your broker, bank or other nominee for submitting a proxy with respect to those newly acquired shares. Moreover, if you held shares in "street name" through a bank or broker on the original Idera record date or the original BioCryst record date, as applicable, but have acquired shares after the

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original Idera record date or the original BioCryst record date, as applicable, and you are the stockholder of record of those newly acquired shares, then, whether or not you previously gave a voting instruction with respect to the shares that you held on the original Idera record date or the original BioCryst record date, as applicable, those newly acquired shares will not be voted unless you give a proxy with respect to those shares by completing, signing, dating and returning the enclosed proxy card, by following the instructions on the enclosed proxy card for Internet or telephone submissions or by attending the Idera special meeting or BioCryst special meeting, as applicable, and voting in person. If you want to change or revoke your proxy, you must submit a new proxy card, transmit additional voting instructions by telephone or through the Internet, or attend the Idera special meeting or BioCryst special meeting, as applicable, and vote in person. Otherwise, you will be considered to have voted on the proposals as indicated in the proxy card you previously provided and the proxies identified in the proxy card will vote your shares as indicated in that previously submitted proxy card or submit a new proxy by telephone or through the Internet. If your shares are held in "street name" by your broker, and you wish to change or revoke your proxy, please complete, sign, date and mail a new proxy card or other information forwarded by your broker, bank or other holder of record to determine whether you may submit a proxy by telephone or on the Internet and follow the instructions on the card or other information provided by the record holder.

#### Q: What will stockholders receive in the mergers?

#### A:

*Idera Stockholders*: If the mergers are completed, (i) holders of Idera common stock will receive 0.20 shares of Holdco common stock for each share of Idera common stock they hold at the effective time of the mergers (the "*Idera exchange ratio*") and (ii) holders of Idera preferred stock will receive for each share of Idera preferred stock they hold at the effective time of the mergers, that number of shares of Holdco common stock equal to (a) \$1.00 divided by the 20-trading-day average trading price of Idera common stock, ending with the trading day prior to the third day prior to the closing date, multiplied by (b) 0.20. Holders of Idera common stock and Idera preferred stock will not receive any fractional shares of Holdco common stock in the mergers. Instead, Idera stockholders will receive cash in lieu of any fractional shares of Holdco common stock that the holders of Idera common stock and Idera preferred stock would otherwise have been entitled to receive.

*BioCryst Stockholders*: If the mergers are completed, holders of BioCryst common stock will receive 0.50 shares of Holdco common stock for each share of BioCryst common stock they hold at the effective time of the mergers (the "*BioCryst exchange ratio*" and together with the Idera exchange ratio, the "*exchange ratios*"). BioCryst stockholders will not receive any fractional shares of Holdco common stock in the mergers. Instead, BioCryst stockholders will receive cash in lieu of any fractional shares of Holdco common stock that the BioCryst stockholders would otherwise have been entitled to receive.

#### **Q:** What is the value of the merger consideration?

#### A:

BioCryst stockholders and Idera stockholders will receive a fixed number of shares of Holdco common stock in the BioCryst merger and the Idera merger, respectively, rather than a number of shares of Holdco common stock with a particular fixed market value. Because the exchange ratios are fixed and will not be adjusted to reflect any changes in the market prices of BioCryst common stock or Idera common stock, the market value of the Holdco common stock issued in the BioCryst merger or the Idera merger, as applicable, and the BioCryst common stock and Idera common stock surrendered in the BioCryst merger and the Idera merger, respectively, may be higher or lower than the values of these shares on dates earlier to the effective time of the

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mergers. We urge you to obtain current market quotations of BioCryst common stock and Idera common stock. See also "Comparative Stock Price Data and Dividends" beginning on page 154 of this joint proxy statement/prospectus.

#### Q: What percentage of Holdco will Idera stockholders and BioCryst stockholders, respectively, own following the mergers?

A:

Upon completion of the mergers, BioCryst stockholders (including holders of securities convertible, exchangeable or exercisable for shares of BioCryst common stock) immediately prior to the effective time of the mergers are expected to beneficially own approximately 51.6% of Holdco and Idera stockholders (including holders of securities convertible, exchangeable or exercisable for shares of Idera common stock) immediately prior to the effective time of the mergers are expected to beneficially own approximately 48.4% of Holdco, in each case, calculated on a fully diluted basis (using the treasury method).

#### Q: When and where will the special meetings be held?

#### A:

*Idera Stockholders*: The Idera special meeting will be held at Idera's offices located at 505 Eagleview Boulevard, Suite 212, Exton, Pennsylvania 19341, on July 10, 2018, at 10:00 a.m., Eastern Time.

*BioCryst Stockholders*: The BioCryst special meeting will be held at BioCryst's corporate offices at 4505 Emperor Blvd., Suite 200, Durham, North Carolina 27703, on July 10, 2018, at 10:00 a.m., Eastern Time.

If you wish to attend your respective company's special meeting, you must bring photo identification. If you hold your shares through a bank, broker or other nominee, including an employee benefit plan trustee, you must also bring proof of ownership such as the voting instruction form from your broker or other nominee or an account statement.

#### Q: Who is entitled to vote at the special meetings?

#### A:

*Idera Stockholders*: The Idera record date for the Idera special meeting is May 29, 2018. Only holders of record of issued and outstanding shares of Idera common stock as of the close of business on the Idera record date are entitled to notice of, and to vote at, the Idera special meeting or any adjournments or postponements of the Idera special meeting.

*BioCryst Stockholders*: The BioCryst record date for the BioCryst special meeting is May 29, 2018. Only holders of record of issued and outstanding shares of BioCryst common stock as of the close of business on the BioCryst record date are entitled to notice of, and to vote at, the BioCryst special meeting or any adjournments or postponements of the BioCryst special meeting.

#### Q: What am I being asked to vote on and why is this approval necessary?

#### A:

Idera stockholders are being asked to vote on the following proposals:

(1)

to adopt the merger agreement, a copy of which is attached as Annex A to this joint proxy statement/prospectus; and

(2)

to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

Completion of the mergers is conditioned on, among other things, approval by the Idera stockholders of the proposal to adopt the merger agreement.

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BioCryst stockholders are being asked to vote on the following proposals:

(1)

to adopt the merger agreement, a copy of which is attached as Annex A to this joint proxy statement/prospectus;

(2)

to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers; and

#### (3)

to approve the adjournment of the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

Completion of the mergers is conditioned on, among other things, approval by the BioCryst stockholders of the proposal to adopt the merger agreement.

#### Q: What vote is required to approve each proposal at the Idera special meeting?

#### A:

Adoption of the merger agreement requires the affirmative vote of holders of a majority of the issued and outstanding shares of Idera common stock entitled to vote on the proposal. Failures to vote, abstentions and "*broker non-votes*" (as defined in "Questions and Answers" beginning on page v of this joint proxy statement/prospectus) will have the effect of a vote against the proposal.

Approval of, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers (the "*Idera merger-related compensation proposal*") requires the affirmative vote of holders of a majority of the issued and outstanding shares of Idera common stock present in person or represented by proxy at the Idera special meeting and voting on the proposal. Abstentions, failures to vote and broker non-votes will have no effect on the outcome of the Idera merger-related compensation proposal, assuming a quorum is present.

Affiliates of Baker Bros. Advisors LP ("*Baker Brothers*"), the "*beneficial owner*" (as defined in "Security Ownership of Certain Beneficial Owners of Idera" beginning on page 158 of this joint proxy statement/prospectus) of approximately 18% of issued and outstanding Idera common stock, have agreed, among other things, to vote their shares of Idera common stock in favor of the adoption of the merger agreement at the Idera special meeting, with certain exceptions described in this joint proxy statement/prospectus.

#### Q: What vote is required to approve each proposal at the BioCryst special meeting?

#### A:

Adoption of the merger agreement requires the affirmative vote of holders of a majority of the issued and outstanding shares of BioCryst common stock entitled to vote on the proposal. Failures to vote, abstentions and broker non-votes will have the effect of a vote against the proposal.

Approval of, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers (the "*BioCryst merger-related compensation proposal*") requires the affirmative vote of the holders of a majority of the issued and outstanding shares of BioCryst common stock present, in person or represented by proxy, at the BioCryst special meeting and voting on the proposal, assuming a quorum is present. Failures to vote, abstentions and broker non-votes will have no effect on the outcome of the BioCryst merger-related compensation proposal, assuming a quorum is present.

Approval of the "*BioCryst adjournment proposal*" (as defined in "The BioCryst Special Meeting Purpose of the BioCryst Special Meeting" beginning on page 35 of this joint proxy statement/prospectus) requires the affirmative vote of the holders of a majority of the issued and outstanding shares of BioCryst common stock present, in person or represented by proxy, at the BioCryst special meeting and voting on the proposal. Abstentions, failures to vote and broker non-votes will have no effect on the outcome of the adjournment proposal, assuming a quorum is present.

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Affiliates of Baker Brothers, the beneficial owner of approximately 14% of issued and outstanding BioCryst common stock, have agreed, among other things, to vote their shares of BioCryst common stock in favor of the adoption of the merger agreement at the BioCryst special meeting, with certain exceptions described in this joint proxy statement/prospectus.

#### Q: What constitutes a quorum at the special meetings?

#### A:

*Idera Stockholders*: Stockholders who hold shares representing at least a majority of the issued and outstanding shares of common stock entitled to vote at the Idera special meeting must be present in person or represented by proxy to constitute a quorum for the transaction of business at the Idera special meeting. If a quorum is not present, the Idera special meeting may be adjourned by the chairman of the Idera special meeting, to reconvene at the same or another place, and notice need not be given of any such adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken.

Abstentions will be included in the calculation of the number of shares of Idera common stock represented at the special meeting for purposes of determining whether a quorum has been achieved. However, broker non-votes will not be included in the calculation of the number of shares of Idera common stock represented at the special meeting for purposes of determining whether a quorum has been achieved.

*BioCryst Stockholders*: Stockholders who hold shares representing at least a majority of the issued and outstanding shares of common stock entitled to vote at the BioCryst special meeting must be present in person or represented by proxy to constitute a quorum for the transaction of business at the BioCryst special meeting.

Abstentions will be included in the calculation of the number of shares of BioCryst common stock represented at the special meeting for purposes of determining whether a quorum has been achieved. However, broker non-votes will not be included in the calculation of the number of shares of BioCryst common stock represented at the BioCryst special meeting for purposes of determining whether a quorum has been achieved.

#### Q: How does the Idera board of directors recommend that Idera stockholders vote?

A:

The Idera board of directors (the "*Idera board*") has unanimously approved the merger agreement and determined that the merger agreement and the transactions contemplated thereby, including the mergers, are fair, advisable and in the best interests of Idera and its stockholders. The Idera board unanimously recommends that the Idera stockholders vote "FOR" the proposal to adopt the merger agreement and "FOR" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

#### Q: How does the BioCryst board of directors recommend that BioCryst stockholders vote?

A:

The BioCryst board of directors (the "*BioCryst board*") has unanimously determined that the merger agreement and the transactions contemplated thereby, including the mergers, are fair, advisable and in the best interests of BioCryst and its stockholders. The BioCryst board recommends that BioCryst stockholders vote "FOR" the proposal to adopt the merger agreement, "FOR" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers and "FOR" the proposal to adopt the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

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#### Q: How do I vote if I am a stockholder of record?

#### A:

If you are a stockholder of record of Idera as of May 29, 2018, which is referred to as the Idera record date, or a stockholder of record of BioCryst as of May 29, 2018, which is referred to as the BioCryst record date, you may submit your proxy before your respective company's special meeting in one of the following ways:

use the toll-free number shown on your proxy card;

visit the website shown on your proxy card to vote via the Internet; or

complete, sign, date and return the enclosed proxy card in the enclosed postage-paid envelope.

If you are a stockholder of record, you may also cast your vote in person at your respective company's special meeting.

If your shares are held in "street name," through a broker, trustee or other nominee, that institution will send you separate instructions describing the procedure for voting your shares. "Street name" stockholders who wish to vote at the special meetings will need to obtain a "legal proxy" form from their broker, trustee or other nominee.

#### Q: How many votes do I have?

#### A:

*Idera Stockholders*: Holders of Idera common stock are entitled to one vote for each share owned as of the close of business on the Idera record date. As of the close of business on the Idera record date, there were 217,310,991 shares of Idera common stock issued and outstanding and entitled to vote at the Idera special meeting.

*BioCryst Stockholders*: Holders of BioCryst common stock are entitled to one vote for each share owned as of the close of business on the BioCryst record date. As of the close of business on the BioCryst record date, there were 98,821,091 shares of BioCryst common stock issued and outstanding and entitled to vote at the BioCryst special meeting.

# Q: My shares are held in "street name" by my broker, bank or other nominee. Will my broker, bank or other nominee automatically vote my shares for me?

#### A:

No. If your shares are held in the name of a broker, bank or other nominee, you are considered the "*beneficial holder*" of the shares held for you in what is known as "*street name*." You are *not* the "*record holder*" (as defined in "The Idera Special Meeting How to Vote" beginning on page 46 of this joint proxy statement/prospectus) of such shares. If this is the case, this joint proxy statement/prospectus has been forwarded to you by your broker, bank or other nominee. As the beneficial holder, unless your broker, bank, or other nominee has discretionary authority over your shares, you generally have the right to direct your broker, bank or other nominee as to how to vote your shares. If you do not provide voting instructions, your shares will not be voted on any proposal, as your broker, bank or other nominee will not have discretionary voting authority with respect to any of the proposals described in this joint proxy statement/prospectus. This is often called a "*broker non-vote*."

In connection with the Idera special meeting:

broker non-votes, if any, will have the same effect as a vote "AGAINST" the proposal to adopt the merger agreement; and

broker non-votes, if any, will have no effect on the Idera merger-related compensatory proposal (assuming a quorum is present).

In connection with the BioCryst special meeting:

broker non-votes, if any, will have the same effect as a vote "AGAINST" the proposal to adopt the merger agreement;

broker non-votes, if any, will have no effect on the BioCryst merger-related compensation proposal (assuming a quorum is present); and

broker non-votes, if any, will have no effect on the BioCryst adjournment proposal (assuming a quorum is present). You should therefore provide your broker, bank or other nominee with instructions as to how to vote your shares of Idera common stock or BioCryst common stock.

Please follow the voting instructions provided by your broker, bank or other nominee so that it may vote your shares on your behalf. Please note that you may not vote shares held in street name by returning a proxy card directly to Idera or BioCryst or by voting in person at your special meeting unless you first obtain a proxy from your broker, bank or other nominee.

#### Q: What will happen if I fail to vote or I abstain from voting?

#### A:

For purposes of each of the Idera special meeting and the BioCryst special meeting, an abstention occurs when a respective stockholder attends the applicable special meeting in person and does not vote or returns a proxy with an "abstain" vote.

#### Idera

*Idera adoption of merger agreement proposal*: An abstention or failure to vote will have the same effect as a vote "AGAINST" the proposal to adopt the merger agreement.

*Idera merger-related compensation proposal*: If an Idera stockholder present in person at the Idera special meeting abstains from voting, responds by proxy with an "abstain" vote, or is not present in person at the Idera special meeting and does not respond by proxy, it will have no effect on the Idera merger-related compensation proposal (assuming a quorum is present).

#### **BioCryst**

*BioCryst adoption of merger agreement proposal*: An abstention or failure to vote will have the same effect as a vote "AGAINST" the proposal to adopt the merger agreement.

*BioCryst merger-related compensation proposal*: If a BioCryst stockholder present in person at the BioCryst special meeting abstains from voting, or responds by proxy with an "abstain" vote or is not present in person at the BioCryst special meeting and does not respond by proxy, it will have no effect on the BioCryst merger-related compensation proposal (assuming a quorum is present).

*BioCryst adjournment proposal*: If a BioCryst stockholder present in person at the BioCryst special meeting abstains from voting, responds by proxy with an "abstain" vote, or is not present in person at the BioCryst special meeting and does not respond by proxy, it will have no effect on the BioCryst adjournment proposal (assuming a quorum is present).

#### Q: What will happen if I return my proxy card without indicating how to vote?

#### A:

*Idera Stockholders*: If you properly complete and sign your proxy card but do not indicate how your shares of Idera common stock should be voted on a matter, the shares of Idera common stock represented by your proxy will be voted as the Idera board recommends and, therefore, "FOR" the proposal to adopt the merger agreement and "FOR" the proposal to approve, on a

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non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

*BioCryst Stockholders*: If you properly complete and sign your proxy card but do not indicate how your shares of BioCryst common stock should be voted on a matter, the shares of BioCryst common stock represented by your proxy will be voted as the BioCryst board recommends and, therefore, "FOR" the proposal to adopt the merger agreement, "FOR" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers and "FOR" the proposal to adjourn the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

#### Q: Can I change my vote or revoke my proxy after I have returned a proxy or voting instruction card?

- A:
- Yes.

*If you are a holder of record of either Idera or BioCryst shares*: If you are a holder of record of either Idera common stock or BioCryst common stock, as applicable, you can change your vote or revoke your proxy at any time before your proxy is voted at your respective special meeting. You can do this in one of three ways:

timely delivering a signed written notice of revocation to the Assistant Secretary of Idera or the Corporate Secretary of BioCryst, as applicable;

timely delivering a new, valid proxy for Idera or BioCryst, as applicable, bearing a later date than your original proxy by submitting instructions through the Internet, by telephone or by mail as described on the applicable proxy card; or

attending your special meeting and voting in person, which will automatically cancel any proxy previously given, or you can revoke your proxy in person. Simply attending the Idera special meeting or the BioCryst special meeting without voting will not revoke any proxy that you have previously given or change your vote.

If you choose either of the first two methods, your notice of revocation or your new proxy must be received by Idera or BioCryst, as applicable, no later than the beginning of the applicable special meeting. If you have submitted a proxy for your shares by telephone or via the Internet, you may revoke your prior telephone or Internet proxy by any manner described above.

*If you hold shares of either Idera or BioCryst in "street name"*: If your shares are held in street name, you must contact your broker, bank or other nominee to change your vote.

# Q: What are the U.S. federal income tax consequences of the mergers to U.S. holders of Idera common stock and BioCryst common stock?

A:

*Consequences to holders of Idera common stock and BioCryst common stock:* It is a condition to BioCryst's obligation to complete the BioCryst merger that BioCryst receive an opinion from Skadden, Arps, Slate, Meagher & Flom LLP ("*Skadden*"), dated as of the closing date of the mergers (the "*closing date*"), to the effect that the BioCryst merger will qualify as a "reorganization" within the meaning of Section 368(a) of the U.S. Internal Revenue Code of 1986, as amended (the "*Code*") or, alternatively, the mergers together will be treated as an "exchange" described in Section 351 of the Code. It is a condition to Idera's obligation to complete the Idera merger that Idera receive an opinion from Latham & Watkins LLP ("*Latham*"), dated as of the closing date, to the effect that the mergers together will be treated as an "exchange" described in Section 351 of the Code. Assuming the mergers are treated for U.S. federal income tax purposes

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as described above, a "*U.S. holder*" (as defined in "U.S. Federal Income Tax Consequences of the Mergers" beginning on page 137 of this joint proxy statement/prospectus) of BioCryst common stock or Idera common stock will not recognize any gain or loss for U.S. federal income tax purposes upon the exchange of shares of BioCryst common stock or Idera common stock for shares of Holdco common stock in the BioCryst merger or the Idera merger, respectively, except with respect to cash received by BioCryst stockholders and Idera stockholders in lieu of fractional shares of Holdco common stock.

Please carefully review the information set forth in the section entitled "U.S. Federal Income Tax Consequences of the Mergers" beginning on page 137 of this joint proxy statement/prospectus for a discussion of the U.S. federal income tax consequences of the mergers. Please consult your own tax advisors as to the specific tax consequences to you of the mergers.

#### **Q:** When do you expect the mergers to be completed?

#### A:

Idera and BioCryst are working to complete the mergers as soon as practicable and expect the closing of the mergers to occur in the third quarter of 2018. However, the mergers are subject to the satisfaction or waiver of certain conditions, and it is possible that factors outside the control of Idera and BioCryst could result in the mergers being completed at a later time or not at all.

# Q: Do I need to do anything with my shares of Idera common stock or BioCryst common stock other than voting for the proposals at the Idera special meeting or BioCryst special meeting, respectively?

A:

*Idera Stockholders*: If you are an Idera stockholder, at the effective time of the mergers, (i) each share of Idera common stock you hold will be converted automatically into the right to receive 0.20 shares of Holdco common stock and (ii) each share of Idera preferred stock will be converted automatically into the right to receive a number of shares of Holdco common stock equal to (a) \$1.00 divided by the 20-trading-day average trading price of Idera common stock, ending with the trading day prior to the third day prior to the closing date, multiplied by (b) 0.20, in each case, together with cash in lieu of any fractional shares. You will receive instructions at that time regarding exchanging your shares of Idera common stock and Idera preferred stock for shares of Holdco common stock.

You do not need to take any action at this time. Please do not send your Idera stock certificates with your proxy card.

*BioCryst Stockholders*: If you are a BioCryst stockholder, at the effective time of the mergers, each share of BioCryst common stock you hold will be converted automatically into the right to receive 0.50 shares of Holdco common stock together with cash in lieu of any fractional shares. You will receive instructions at that time regarding exchanging your shares of BioCryst common stock for shares of Holdco common stock. You do not need to take any action at this time. **Please do not send your BioCryst stock certificates with your proxy card.** 

#### Q: Are stockholders entitled to appraisal rights?

A:

No. Under the General Corporation Law of the State of Delaware, as amended (the "*DGCL*"), neither the Idera stockholders nor the BioCryst stockholders will be entitled to exercise any appraisal rights in connection with the mergers or the other transactions contemplated by the merger agreement.

#### Q: What happens if I sell my shares of Idera common stock before the Idera special meeting?

A:

The record date for the Idera special meeting is earlier than the date of the Idera special meeting and the date that the mergers are expected to be completed. If you transfer your Idera shares after the Idera record date but before the Idera special meeting, you will retain your right to vote at the

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Idera special meeting, but will have transferred the right to receive the merger consideration in the mergers. In order to receive the merger consideration, you must hold your shares through the effective date of the mergers.

#### Q: What happens if I sell my shares of BioCryst common stock before the BioCryst special meeting?

A:

The record date for the BioCryst special meeting is earlier than the date of the BioCryst special meeting and the date that the mergers are expected to be completed. If you transfer your BioCryst shares after the BioCryst record date but before the BioCryst special meeting, you will retain your right to vote at the BioCryst special meeting, but will have transferred the right to receive the merger consideration in the mergers. In order to receive the merger consideration, you must hold your shares through the effective date of the mergers.

#### Q: What if I hold shares in both Idera and BioCryst?

A:

If you are a stockholder of both Idera and BioCryst, you will receive two separate packages of proxy materials. A vote cast as an Idera stockholder will not count as a vote cast as a BioCryst stockholder, and a vote cast as a BioCryst stockholder will not count as a vote cast as an Idera stockholder. Therefore, please submit separate proxies for your Idera shares and your BioCryst shares.

#### Q: Who can help answer my questions?

A:

Idera stockholders or BioCryst stockholders who have questions about the mergers, the other matters to be voted on at the special meetings, or how to submit a proxy or desire additional copies of this joint proxy statement/prospectus or additional proxy cards should contact:

#### If you are an Idera stockholder:

If you are a BioCryst stockholder:

1407 Broadway, 27th Floor New York, New York 10018 Stockholders May Call Toll-Free: 800-322-2885 Banks & Brokers May Call Collect: 212-929-5500 Email: proxy@mackenziepartners.com 501 Madison Avenue, 20th floor New York, New York 10022 Stockholders May Call Toll Free: 888-750-5834 Banks & Brokers May Call Collect: 212-750-5833

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#### SUMMARY

This summary highlights selected information contained in this joint proxy statement/prospectus and does not contain all the information that may be important to you with respect to the mergers and the other matters being considered at the Idera special meeting and BioCryst special meeting. Idera and BioCryst urge you to read carefully this joint proxy statement/prospectus in its entirety, including the attached Annexes, and the other documents to which we have referred you. See also the section entitled "Where You Can Find More Information" beginning on page 172 of this joint proxy statement/prospectus. We have included page references in this summary to direct you to a more complete description of the topics presented below.

#### The Companies

#### Nautilus Holdco, Inc. (see page 33)

Nautilus Holdco, Inc. is a Delaware corporation and wholly owned subsidiary of BioCryst formed for the sole purpose of becoming the parent entity of each of Idera and BioCryst following the mergers. At the effective time of the mergers, Nautilus Holdco, Inc. will be renamed "Valenscion Incorporated."

#### Idera Pharmaceuticals, Inc. (see page 33)

Idera is a clinical-stage biopharmaceutical company focused on the discovery, development and commercialization of novel oligonucleotide therapeutics for oncology and rare diseases. Idera uses two distinct proprietary drug discovery technology platforms to design and develop drug candidates: its Toll-like receptor, or TLR, targeting technology and its nucleic acid chemistry technology (formerly referred to as Idera's third generation antisenses, or 3GA technology). Idera developed these platforms based on its scientific expertise and pioneering work with synthetic oligonucleotides as therapeutic agents. Using its TLR targeting technology, Idera designs synthetic oligonucleotide-based drug candidates to modulate the activity of specific TLRs. Using its nucleic acid chemistry technology, Idera is developing drug candidates to turn off the messenger RNA, or mRNA, associated with disease causing genes. Idera believes that its nucleic acid chemistry technology may potentially reduce the immunotoxicity and increase the potency of earlier generation antisense and RNA interference, or RNAi, technologies.

Idera's business strategy is focused on the clinical development of drug candidates for oncology and rare diseases characterized by small, well-defined patient populations with serious unmet medical needs. Idera believes it can develop and commercialize these targeted therapies on its own. To the extent Idera seeks to develop drug candidates for broader disease indications, it has entered into and may explore additional collaborative alliances to support development and commercialization.

Idera's common stock is traded on the Nasdaq Global Select Market (the "Nasdaq") under the symbol "IDRA."

The principal executive offices of Idera are located at 167 Sidney Street, Cambridge, Massachusetts 02139, and its telephone number is (617) 679-5500. Idera maintains another office at 505 Eagleview Boulevard, Suite 212, Exton, Pennsylvania 19341.

#### BioCryst Pharmaceuticals, Inc. (see page 33)

BioCryst is a biotechnology company that designs, optimizes and develops novel small molecule drugs that block key enzymes involved in the pathogenesis of diseases. BioCryst focuses on the treatment of rare diseases in which significant unmet medical needs exist and align with BioCryst's capabilities and expertise. BioCryst integrates the disciplines of biology, crystallography, medicinal chemistry and computer modeling to discover and develop small molecule pharmaceuticals through the process known as structure-guided drug design. Structure-guided drug design is a drug discovery

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approach by which BioCryst designs synthetic compounds from detailed structural knowledge of the active sites of enzyme targets associated with particular diseases. BioCryst uses X-ray crystallography, computer modeling of molecular structures and advanced chemistry techniques to focus on the three-dimensional molecular structure and active site characteristics of the enzymes that control cellular biology. Enzymes are proteins that act as catalysts for many vital biological reactions. BioCryst's goal generally is to design a compound that will fit in the active site of an enzyme and thereby prevent its catalytic activity.

BioCryst's common stock is traded on the Nasdaq under the symbol "BCRX."

The principal executive offices of BioCryst are located at 4505 Emperor Blvd., Suite 200, Durham, North Carolina 27703, and its telephone number is (919) 859-1302.

#### Island Merger Sub, Inc. (see page 34)

Island Merger Sub, Inc. is a Delaware corporation and wholly owned subsidiary of Holdco formed for the sole purpose of effecting the Idera merger.

#### Boat Merger Sub, Inc. (see page 34)

Boat Merger Sub, Inc. is a Delaware corporation and wholly owned subsidiary of Holdco formed for the sole purpose of effecting the BioCryst merger.

#### The Mergers

A copy of the merger agreement is attached as Annex A to this joint proxy statement/prospectus. Idera and BioCryst encourage you to read the entire merger agreement carefully because it is the principal document governing the mergers. For more information on the merger agreement, see the section entitled "The Merger Agreement" beginning on page 116 of this joint proxy statement/prospectus.

#### Effects of the Mergers (see page 53)

Subject to the terms and conditions of the merger agreement, at the effective time of the mergers:

Merger Sub A, a Delaware corporation that was formed on January 16, 2018 as a wholly owned subsidiary of Holdco for the sole purpose of effecting the mergers, will be merged with and into Idera, with Idera surviving the Idera merger as a wholly owned subsidiary of Holdco; and

Merger Sub B, a Delaware corporation that was formed on January 16, 2018 as a wholly owned subsidiary of Holdco for the sole purpose of effecting the mergers, will be merged with and into BioCryst, with BioCryst surviving the BioCryst merger as a wholly owned subsidiary of Holdco.

As a result, among other things, (1) Holdco will become the ultimate parent of Idera, BioCryst and their respective subsidiaries, (2) existing holders of Idera common stock and Idera preferred stock will receive shares of Holdco common stock and (3) existing holders of BioCryst common stock will receive shares of Holdco common stock, in accordance with the terms of the merger agreement. Upon completion of the mergers, BioCryst and Idera, and their respective subsidiaries, will operate as a combined company under the name Valenscion Incorporated.

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The organization of BioCryst, Idera and Holdco before and after the mergers is illustrated below:

**Prior to the Mergers** 

The Mergers

After the Mergers

#### U.S. Federal Income Tax Consequences of the Mergers (see page 137)

It is a condition to BioCryst's obligation to complete the BioCryst merger that BioCryst receive an opinion from Skadden, dated as of the closing date, to the effect that the BioCryst merger will qualify as a "reorganization" within the meaning of Section 368(a) of the Code or, alternatively, the mergers together will be treated as an "exchange" described in Section 351 of the Code. It is a condition to Idera's obligation to complete the Idera merger that Idera receive an opinion from Latham, dated as of the closing date, to the effect that the mergers together will be treated as an "exchange" described in Section 351 of the Code. It is a condition to Idera's obligation to complete the Idera merger that Idera receive an opinion from Latham, dated as of the closing date, to the effect that the mergers together will be treated as an "exchange" described in Section 351 of the Code. Assuming the mergers are treated for U.S. federal income tax purposes as described above, a U.S. holder of BioCryst common stock or Idera common stock will not recognize any gain or loss for U.S. federal income tax purposes upon the exchange of shares of BioCryst common stock or Idera common stock for shares of Holdco common stock in the BioCryst merger or the Idera merger, respectively, except with respect to cash received by BioCryst and Idera stockholders in lieu of fractional shares of Holdco common stock.

Please carefully review the information set forth in the section entitled "U.S. Federal Income Tax Consequences of the Mergers" beginning on page 137 of this joint proxy statement/prospectus for a discussion of the U.S. federal income tax consequences of the mergers. Please consult your own tax advisors as to the specific tax consequences to you of the mergers.

#### Recommendation of the Idera Board (see page 44)

After careful consideration, the Idera board unanimously approved the merger agreement and determined that the merger agreement and the transactions contemplated thereby, including the mergers, are fair, advisable, and in the best interests of Idera and its stockholders. For more information regarding the factors considered by the Idera board in reaching its decision to approve the merger agreement, see the section entitled "The Mergers Idera's Reasons for the Mergers; Recommendation of the Idera Board" beginning on page 67 of this joint proxy statement/prospectus.

The Idera board unanimously recommends that Idera stockholders vote "FOR" the proposal to approve the merger agreement and the transactions contemplated thereby, including the mergers, and "FOR" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

#### Recommendation of the BioCryst Board (see page 71)

After careful consideration, BioCryst's board unanimously approved the merger agreement and determined that the merger agreement and the transactions contemplated thereby, including the mergers, are fair, advisable and in the best interests of BioCryst and its stockholders. For more information regarding the factors considered by the BioCryst board in reaching its decision to approve the merger agreement, see the section entitled "The Mergers" BioCryst's Reasons for the Mergers; Recommendation of the BioCryst Board" beginning on page 71 of this joint proxy statement/prospectus.

The BioCryst board unanimously recommends that BioCryst stockholders vote "FOR" the proposal to adopt the merger agreement and the transactions contemplated thereby, including the mergers, "FOR" the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers and "FOR" the proposal to adjourn the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

#### Opinion of Idera's Financial Advisor Goldman Sachs (see page 84)

At a meeting of the Idera board held on January 21, 2018, Goldman, Sachs & Co. LLC ("*Goldman Sachs*") delivered to the Idera board its oral opinion, subsequently confirmed in writing, to the effect that, as of January 21, 2018 and based upon and subject to the factors and assumptions set forth in Goldman Sachs' written opinion, the Idera exchange ratio of 0.20 shares of Holdco common stock for each share of Idera common stock pursuant to the merger agreement was fair from a financial point of view to the holders (other than BioCryst and its affiliates) of shares of Idera common stock.

The full text of the written opinion of Goldman Sachs, dated January 21, 2018, which sets forth the assumptions made, procedures followed, matters considered, qualifications and limitations on the review undertaken in connection with the opinion, is attached as Annex B to this joint proxy statement/prospectus. The summary of Goldman Sachs' opinion contained in this joint proxy statement/prospectus is qualified in its entirety by reference to the full text of Goldman Sachs' written opinion. Goldman Sachs' advisory services and opinion were provided for the information and assistance of the Idera board in connection with its consideration of the transactions contemplated by the merger agreement and the opinion does not constitute a recommendation as to how any holder of shares of Idera common stock should vote with respect to the transactions contemplated by the merger agreement or any other matter.

Pursuant to an engagement letter between Idera and Goldman Sachs, Idera has agreed to pay Goldman Sachs for its services in connection with the transactions contemplated by the merger agreement an aggregate fee of \$7.0 million, \$0.7 million of which became payable at announcement, and the remainder of which is contingent upon consummation of the transactions contemplated by the merger agreement.

For further information, see the section entitled "The Mergers Opinion of Idera's Financial Advisor Goldman Sachs" beginning on page 84 of and Annex B to this joint proxy statement/prospectus.

#### Opinion of BioCryst's Financial Advisor J.P. Morgan (see page 94)

BioCryst retained J.P. Morgan Securities LLC ("*J.P. Morgan*") to act as financial advisor to BioCryst in connection with the mergers. At the meeting of the BioCryst board on January 21, 2018, J.P. Morgan rendered its oral opinion to the BioCryst board that, as of such date and based upon and subject to the assumptions made, procedures followed, matters considered and limitations on the review

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undertaken by J.P. Morgan in preparing the opinion, the BioCryst exchange ratio of 0.50 shares of Holdco common stock for each share of BioCryst common stock pursuant to the merger agreement was fair, from a financial point of view, to the holders of shares of BioCryst common stock. J.P. Morgan confirmed this oral opinion by delivering its written opinion to the BioCryst board, dated January 21, 2018.

The full text of the written opinion of J.P. Morgan, dated January 21, 2018, which sets forth the assumptions made, procedures followed, matters considered and limitations on the review undertaken by J.P. Morgan in preparing the opinion, is attached as Annex C to this joint proxy statement/prospectus and is incorporated herein by reference. BioCryst stockholders are urged to read the opinion in its entirety. J.P. Morgan's written opinion was addressed to the BioCryst board (in its capacity as such) in connection with and for the purposes of its evaluation of the mergers, was directed only to the BioCryst exchange ratio in the proposed BioCryst merger and did not address any other aspect of the mergers. The opinion does not constitute a recommendation to any stockholder of BioCryst as to how such stockholder should vote with respect to the mergers or any other matter.

For a description of the opinion that the BioCryst board received from J.P. Morgan, see the section entitled "The Mergers Opinion of BioCryst's Financial Advisor J.P. Morgan" beginning on page 94 of this joint proxy statement/prospectus.

Pursuant to an engagement letter between BioCryst and J.P. Morgan, BioCryst has agreed to pay J.P. Morgan for its services in connection with the transactions contemplated by the merger agreement an aggregate fee of \$7.0 million, \$2.0 million of which became payable to J.P. Morgan for advisory services rendered up until the time J.P. Morgan delivered its opinion, and the remainder of which is contingent upon the consummation of the mergers.

#### Interests of Idera Directors, Executive Officers and Certain of their Affiliates in the Mergers (see page 99)

In considering the recommendation of the Idera board, Idera stockholders should be aware that certain of Idera's executive officers, directors and certain of their affiliates have interests in the mergers that may be different from, or in addition to, those of the Idera stockholders generally. These interests may present such executive officers, directors and certain of their affiliates with actual or potential conflicts of interest. The Idera board was aware of these interests during its deliberations on the merits of the mergers and in deciding to recommend that Idera stockholders vote for the Idera proposals. For additional information on the interests of Idera's directors, officers and certain of their affiliates in the mergers, see "The Mergers Interests of Idera Directors, Executive Officers and Certain of their Affiliates in the Mergers" beginning on page 99 of this joint proxy statement/prospectus.

#### Interests of BioCryst Directors and Executive Officers in the Mergers (see page 106)

In considering the recommendation of the BioCryst board, BioCryst stockholders should be aware that certain of BioCryst's executive officers and directors have interests in the mergers that may be different from, or in addition to, those of the BioCryst stockholders generally. These interests may present such executive officers and directors with actual or potential conflicts of interest. The BioCryst board was aware of these interests during its deliberations on the merits of the mergers and in deciding to recommend that BioCryst stockholders vote for the BioCryst proposals. For additional information on the interests of BioCryst's directors and officers in the mergers. Interests of BioCryst Directors and Executive Officers in the Mergers" beginning on page 106 of this joint proxy statement/prospectus.

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#### Holdco Board, Management and Certain Governance Matters Following the Mergers (see page 114)

Immediately following the effective time of the mergers, the board of the combined company will consist of nine members, including: Vincent J. Milano, a director and the current chief executive officer of Idera, James A. Geraghty, the current chairman of the Idera board, Maxine Gowen, Ph.D., a director of Idera, Mark Goldberg, M.D., a director of Idera, Jon P. Stonehouse, a director and the current chief executive officer of BioCryst, Robert A. Ingram, the current chairman of the BioCryst board, Nancy Hutson, Ph.D., a director of BioCryst, Kenneth B. Lee, Jr., a director of BioCryst, and one person to be mutually agreed to by the Idera board and the BioCryst board who shall not be a director, officer or affiliate of either Idera or BioCryst. All directors, other than Messrs. Milano and Stonehouse, will qualify as "independent directors" under the Nasdaq rules.

Upon completion of the mergers, Mr. Ingram will serve as the chairman of the board of the combined company, and Mr. Milano will serve as the chief executive officer of the combined company.

The corporate headquarters for the combined company and its subsidiaries will be located in Exton, Pennsylvania, and the primary location for research and development for the combined company and its subsidiaries will be located in Birmingham, Alabama.

#### **Regulatory Clearances Required for the Mergers (see page 114)**

BioCryst and Idera have each agreed to take certain actions in order to obtain the regulatory clearances required to complete the mergers. Required regulatory clearances include expiration or termination of the required waiting period under the Hart-Scott Rodino Antitrust Improvement Act of 1976, as amended, and the rules and regulations promulgated thereunder (the "*HSR Act*"), following required notifications and review by either the Federal Trade Commission (the "*FTC*") or the Antitrust Division of the U.S. Department of Justice (the "*Antitrust Division*"). On February 2, 2018, each of BioCryst and Idera filed its notification under the HSR Act. On February 15, 2018, the FTC notified Idera and BioCryst that their request for early termination of the applicable waiting period was granted, thereby satisfying the condition under the merger agreement relating to the expiration or termination of the applicable waiting period under the HSR Act.

The antitrust and competition laws of certain foreign countries often apply to transactions such as the mergers, and notifications may be required when such laws are applicable. However, BioCryst and Idera do not believe that any such foreign antitrust filings are required in connection with the mergers, and accordingly, the obligations of BioCryst and Idera to consummate the mergers are not subject to conditions precedent related to any such foreign antitrust filings.

#### Amended and Restated Certificate of Incorporation of Holdco (see page 99)

The amended and restated certificate of incorporation of Holdco (the "*Holdco charter*") will be in substantially the same form attached as Annex D to this joint proxy statement/prospectus. Please see the section entitled "Comparison of Rights of Idera Stockholders, BioCryst Stockholders and Holdco Stockholders" beginning on page 164 of this joint proxy statement/prospectus for a discussion of the Holdco charter.

#### Completion of the Mergers (see page 117)

BioCryst and Idera are working to complete the mergers as soon as practicable and expect the closing of the mergers to occur in the third quarter of 2018. However, the mergers are subject to the satisfaction or waiver of various conditions, and it is possible that factors outside the control of BioCryst and Idera could result in the mergers being completed at a later time or not at all. There may be a substantial amount of time between the BioCryst and Idera special meetings and the completion of the mergers.



## The Merger Agreement

## Merger Consideration (see page 116)

At the effective time of the mergers, each issued and outstanding share of Idera common stock (other than shares held by Idera, BioCryst, Holdco, Merger Sub A or Merger Sub B, or any subsidiary of each of the aforementioned entities, or by Idera as treasury shares, which will cease to remain outstanding and will be canceled and retired and cease to exist) will be converted into the right to receive 0.20 fully paid and nonassessable shares of Holdco common stock, with cash paid in lieu of fractional shares.

At the effective time of the mergers, each issued and outstanding share of Idera preferred stock (other than shares held by Idera, BioCryst, Holdco, Merger Sub A or Merger Sub B, or any subsidiary of each of the aforementioned entities, or by Idera as treasury shares, which will cease to remain outstanding and will be canceled and retired and cease to exist) will be converted into the right to receive an amount of fully paid and nonassessable shares of Holdco common stock equal to (i) \$1.00 divided by the 20-trading-day average trading price of Idera common stock, ending with the trading day prior to the third day prior to the closing date, multiplied by (ii) 0.20, with cash paid in lieu of fractional shares.

At the effective time of the mergers, each issued outstanding share of BioCryst common stock (other than shares held by Idera, BioCryst, Holdco, Merger Sub A or Merger Sub B, or any subsidiary of each of the aforementioned entities, or by BioCryst as treasury shares, which will cease to remain outstanding and will be canceled and retired and cease to exist) will be converted into the right to receive 0.50 fully paid and nonassessable shares of Holdco common stock, with cash paid in lieu of fractional shares.

#### No Solicitation of Competing Proposals (see page 123)

The merger agreement prohibits BioCryst and Idera from soliciting or engaging in discussions or negotiations with a third party with respect to a proposal for a competing transaction, including the acquisition of a significant interest in BioCryst common stock or assets or Idera common stock or assets. However, if, prior to obtaining approval from its stockholders, BioCryst or Idera, as the case may be, receives an unsolicited written proposal from a third party for a competing transaction that the BioCryst board or the Idera board, as applicable, among other things, determines in good faith (i) after consultation with its outside legal and financial advisors, is reasonably likely to lead to a proposal that is superior to the mergers and (ii) after consultation with its outside legal advisors, the failure to enter discussions regarding such proposal would constitute a breach of its fiduciary obligations under applicable law, BioCryst or Idera, as applicable, may furnish non-public information to and enter into discussions with, and only with, that third party regarding such competing transaction.

## Treatment of Idera Stock Options and Warrants (see page 128)

*Idera Stock Options.* As of the effective time of the mergers, each Idera stock option that is outstanding and unexercised immediately prior to the effective time of the mergers, whether or not then vested or exercisable, will be assumed by Holdco and converted into a Holdco stock option. In addition, each such stock option will vest in full, other than Idera stock options held by an individual who is a party to a Severance and Change of Control Agreement (each, a "*Severance and Change of Control Agreement*"). Each converted Holdco stock option will be subject to the same terms and conditions (other than, in the case described above, vesting) as applied to the original Idera stock option immediately prior to the effective time of the mergers, except that it will be exercisable for that number of whole shares of Holdco common stock (rounded down to the nearest whole share) equal to the number of shares subject to the Idera stock option multiplied by the Idera exchange ratio (0.20), at an exercise price per share (rounded up to the nearest whole cent) equal to the exercise price per

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share applicable to the Idera stock option divided by the Idera exchange ratio. This treatment will be subject to certain provisions of the Code, as described in the merger agreement.

*Idera Warrants.* At the effective time of the mergers, each outstanding Idera warrant and Idera pre-funded warrant to purchase shares of Idera common stock ("*Idera warrants*") will be assumed by Holdco and converted into a warrant to acquire Holdco common stock on the same terms and conditions as applied to the Idera warrants immediately prior to the completion of the mergers, except that each Idera warrant and Idera pre-funded warrant (i) will cover a number of whole shares of Holdco common stock (rounded down to the nearest whole share) equal to the number of shares of Idera common stock subject to the Idera warrant or Idera pre-funded warrant, as applicable, multiplied by 0.20, and (ii) will have an exercise price per share of Holdco common stock (rounded up to the nearest whole cent) equal to the per share exercise price of the Idera warrant, as applicable, divided by 0.20.

## Treatment of BioCryst Stock Options and RSUs (see page 129)

*BioCryst Stock Options.* As of the effective time of the mergers, each BioCryst stock option that is outstanding and unexercised immediately prior to the effective time of the mergers, whether or not then vested or exercisable, will vest in full and be assumed by Holdco and converted into a Holdco stock option. Each converted option will be subject to the same terms and conditions (other than vesting) as applied to the original BioCryst stock option immediately prior to the effective time of the mergers, except that it will be exercisable for that number of whole shares of Holdco common stock (rounded down to the nearest whole share) equal to the number of shares subject to the BioCryst stock option multiplied by the BioCryst exchange ratio (0.50), at an exercise price per share (rounded up to the nearest whole cent) equal to the exercise price per share applicable to the BioCryst stock option divided by BioCryst exchange ratio. This treatment will be subject to certain provisions of the Code, as described in the merger agreement.

*BioCryst RSUs.* As of the effective time of the mergers, each restricted stock unit covering BioCryst common stock (a "*BioCryst RSU*") that is outstanding immediately prior to the effective time of the mergers will be assumed by Holdco and will vest in full and be converted into a restricted stock unit covering Holdco common stock (a "*Holdco RSU*"). Each converted Holdco RSU will be subject to the same terms and conditions (other than vesting) as applied to the original BioCryst RSU immediately prior to the effective time of the mergers, except that it will be a restricted stock unit to acquire that number of whole shares of Holdco common stock (rounded down to the nearest whole share) equal to the number of shares subject to the BioCryst RSU multiplied the BioCryst exchange ratio.

#### Conditions to Completion of the Mergers (see page 131)

Each party's obligation to consummate the mergers is conditioned upon the satisfaction (or, to the extent permitted by applicable law, waiver by such party) at or prior to the closing of the mergers of each of the following:

adoption of the merger agreement by holders of a majority of the issued outstanding shares of each of Idera common stock and BioCryst common stock entitled to vote thereon;

authorization of the listing on the Nasdaq of the shares of Holdco common stock to be issued to Idera stockholders and BioCryst stockholders pursuant to the mergers, subject to official notice of issuance;

effectiveness of the registration statement of which this joint proxy statement/prospectus forms a part and the absence of a stop order in respect thereof;



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absence of any law, order, injunction, decree, statute, rule or regulation by a governmental entity that prohibits, restrains or makes illegal the consummation of the mergers; and

the waiting period (and any extension thereof) applicable to the mergers under the HSR Act having expired or been earlier terminated, and any other antitrust, competition, investment, trade regulation or similar approval required under law having been obtained prior to the closing.

In addition, the obligations of each of BioCryst and Holdco, on the one hand, and Idera, on the other hand, to effect the mergers is subject to the satisfaction or waiver of the following additional conditions:

the representations and warranties of the other party, other than the representations related to corporate organization, capitalization, the authority with respect to the execution, delivery, and performance of the merger agreement and the due and valid authorization and enforceability of the merger agreement, the fees payable to a financial advisor, broker or finder in connection with the transactions under the merger agreement, the delivery of an opinion from such party's financial advisor, and with respect to BioCryst only, the representation that none of Holdco, Merger Sub A or Merger Sub B has engaged in any business activity other than in connection with the merger agreement, and the non-occurrence of any event or development having a "material adverse effect" (as defined in "The Merger Agreement Representations and Warranties" beginning on page 118 of this joint proxy statement/prospectus) on the other party since October 1, 2017, will be true and correct in all respects (without giving effect to any "materiality" (as defined in "The Merger Agreement Representations and Warranties" beginning on page 118 of this joint proxy statement/prospectus) or material adverse effect qualifications contained in such representations and warranties) as of the closing date (other than those representations and warranties that address matters only as of a particular date, which need only be true and correct as of such date), except to the extent that any failures of such representations and warranties to be so true and correct, individually or in the aggregate, have not had and would not reasonably be expected to have a material adverse effect;

the representations and warranties of the other party relating to corporate organization, the authority with respect to the execution, delivery, and performance of the merger agreement and the due and valid authorization and enforceability of the merger agreement, the fees payable to a financial advisor, broker or finder in connection with the transactions under the merger agreement, the delivery of an opinion from such party's financial advisor, and with respect to BioCryst only, the representation that none of Holdco, Merger Sub A or Merger Sub B has engaged in any business activity other than in connection with the merger agreement, will be true and correct in all material respects (without giving effect to any materiality or material adverse effect qualifications contained in such representations and warranties) as of the closing date (except to the extent such representations or warranties address matters only as of a particular date, which need only be true and correct as of such date);

the representation and warranties of the other party relating to capitalization are true and correct in all respects as of the closing date (except to the extent such representations or warranties address matters only as of a particular date, which need only be true and correct as of such date), except for *de minimis* inaccuracies;

the representation and warranty of the other party relating to the non-occurrence of any event or development having a material adverse effect on the other party since October 1, 2017, will be true and correct in all respects as of the date of the merger agreement and as of the closing date;



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receipt of a certificate executed by an executive officer of the other party certifying as to the satisfaction of the conditions described in the preceding four bullet points;

the other party (and, in the case of BioCryst, Holdco) having performed or complied with, in all material respects, all of its obligations under the merger agreement at or prior to the closing of the mergers and the other party shall have delivered a certificate executed by an executive officer of the other party certifying as to the satisfaction of this condition;

no change, event, development, condition, circumstance or effect will have occurred since the date of the merger agreement that has had, or would reasonably be expected to have, individually or in the aggregate, a material adverse effect on the other party;

with respect to BioCryst's and Holdco's obligations, BioCryst's receipt of an opinion from Skadden to the effect that the BioCryst merger will qualify as a "reorganization" within the meaning of Section 368(a) of the Code or, alternatively, the mergers together will be treated as an "exchange" described in Section 351 of the Code; and

with respect to Idera's obligation, Idera's receipt of an opinion from Latham to the effect that the mergers together will be treated as an "exchange" described in Section 351 of the Code.

## Termination of the Merger Agreement (see page 133)

BioCryst and Idera may mutually agree to terminate the merger agreement at any time. Either company may also terminate the merger agreement if the mergers are not completed by July 21, 2018 (regardless of whether such date is before or after the stockholders of the party approve the transactions). See the section entitled "The Merger Agreement Termination of the Merger Agreement" beginning on page 133 of this joint proxy statement/prospectus for a discussion of these and other rights of each of BioCryst and Idera to terminate the merger agreement.

### Expenses and Termination Fees (see page 134)

Generally, all fees and expenses incurred in connection with the merger agreement and the transactions contemplated by the merger agreement will be paid by the party incurring those expenses, subject to the specific exceptions discussed in this joint proxy statement/prospectus where (i) BioCryst may be required to pay a termination fee of \$25 million to Idera and Idera may be required to pay a termination fee of \$25 million. See the section entitled "The Merger Agreement Expenses and Termination Fees; Liability for Breach" beginning on page 134 of this joint proxy statement/prospectus for a discussion of the circumstances under which such termination fee will be required to be paid.

#### Voting and Support Agreements (see pages 37 and 45)

Simultaneously with the execution of the merger agreement, each of BioCryst and Idera entered into a voting and support agreement with affiliates of Baker Brothers. Baker Brothers and its affiliates own approximately 14% of issued and outstanding BioCryst common stock and approximately 18% of issued and outstanding Idera common stock. Pursuant to the voting and support agreements, Baker Brothers has agreed, among other things, to vote its shares of BioCryst common stock and Idera common stock in favor of the adoption of the merger agreement at each of the BioCryst special meeting and the Idera special meeting respectively. In addition, Baker Brothers has agreed to be present at each of the BioCryst special meeting and the Idera special meeting for purposes of establishing a quorum.

## Accounting Treatment (see page 140)

Holdco prepares its financial statements in accordance with accounting principles generally accepted in the United States ("*GAAP*"). The mergers will be accounted for using the acquisition method of accounting. Although the business combination of Idera and BioCryst is a "merger of equals," GAAP requires that one of the two companies in the merger be designated as the acquirer for accounting purposes based on the evidence available. Accordingly, Idera will be treated as the acquirer for accounting purposes. In identifying Idera as the acquiring entity, the companies took into account the structure of the transaction, the composition of the governing body of the combined company and the designation of certain senior management positions of the combined company. As a result, the historical financial statements of Idera will become the historical financial statements of the combined company.

## No Appraisal Rights (see page 169)

Under the DGCL, none of the holders of shares of Idera common stock, Idera preferred stock or BioCryst common stock are entitled to exercise any appraisal rights in connection with the mergers or the other transactions contemplated by the merger agreement.

## Litigation Related to the Mergers (see page 115)

Since the announcement on January 22, 2018 of the execution of the merger agreement, three putative class action complaints have been filed in connection with the mergers. On March 6, 2018 plaintiff Melvin Klein filed a lawsuit captioned *Klein v. BioCryst Pharmaceuticals, Inc., et al.*, No. 1:18-cv-00358, in United States District Court for the District of Delaware, naming BioCryst, members of the BioCryst board, Idera, Holdco, Merger Sub A and Merger Sub B as defendants. On March 14, 2018, plaintiff Lisa Raatz filed a lawsuit captioned *Raatz v. Idera Pharmaceuticals, Inc., et al.*, No. 1:18-cv-10485, in United States District Court for the District of Massachusetts, naming Idera, members of the Idera board, BioCryst, Holdco, Merger Sub A and Merger Sub B as defendants. On March 22, 2018, plaintiff Ricky Cohen filed a lawsuit captioned *Cohen v. Idera Pharmaceuticals, Inc., et al.*, No. 1:18-cv-00428, in United States District Court for the District of Delaware, naming Idera, naming Idera and members of the Idera board as defendants.

## **Risk Factors (see page 22)**

In deciding how to vote your shares of Idera common stock or BioCryst common stock, you should read carefully this entire joint proxy statement/prospectus, including the documents incorporated by reference herein and the annexes and exhibits hereto, and in particular, you should read the "Risk Factors" section beginning on page 22 of this joint proxy statement/prospectus. See also "Where You Can Find More Information" beginning on page 172 of this joint proxy statement/prospectus.

## Comparison of Rights of Idera Stockholders, BioCryst Stockholders and Holdco Stockholders (see page 164)

Idera stockholders and BioCryst stockholders receiving merger consideration will have rights different from their rights prior to the effective time of the mergers once they become stockholders of the combined company due to differences between the governing corporate documents of Idera and BioCryst, respectively, and the proposed governing corporate documents of Holdco. Please see the section entitled "Comparison of Rights of Idera Stockholders, BioCryst Stockholders and Holdco Stockholders" beginning on page 164 of this joint proxy statement/prospectus for a discussion of these differences.



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## Listing of Holdco Common Stock; De-Listing and Deregistration of Idera Stock and BioCryst Stock (see page 115)

It is a condition to the completion of the mergers that the shares of Holdco common stock to be issued to Idera stockholders and BioCryst stockholders pursuant to the mergers be authorized for listing, and Idera and BioCryst have agreed to use their reasonable best efforts to cause such shares to be listed, on the Nasdaq subject to official notice of issuance. Upon completion of the mergers, shares of Idera common stock and shares of BioCryst common stock currently listed on the Nasdaq will cease to be listed on the Nasdaq and will be subsequently deregistered under the Exchange Act.

### The Idera Special Meeting (see page 44)

The Idera special meeting is scheduled to be held at Idera'a offices located at 505 Eagleview Boulevard, Suite 212, Exton, Pennsylvania 19341 on July 10, 2018 at 10:00 a.m., Eastern Time, subject to any adjournments or postponements thereof. The Idera special meeting is being held in order to consider and vote on:

the proposal to adopt the merger agreement, which is further described in the sections titled "The Mergers" and "The Merger Agreement," beginning on pages 53 and 116, respectively, of this joint proxy statement/prospectus; and

the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers.

Only holders of record of Idera common stock at the close of business on May 29, 2018, the record date for the Idera special meeting, are entitled to notice of, and to vote at, the Idera special meeting or any adjournments or postponements thereof. At the close of business on the Idera record date, 217,310,991 shares of Idera common stock were issued and outstanding, approximately 18% of which were held by Idera's directors and executive officers and their affiliates. We currently expect that Idera's directors and executive officers will vote their shares in favor of each proposal being submitted to a vote of the Idera stockholders at the Idera special meeting, although no director or executive officer has entered into any agreement obligating him or her to do so.

You may cast one vote for each share of Idera common stock you own. The proposal to adopt the merger agreement requires the affirmative vote of the holders of a majority of the issued and outstanding shares of Idera common stock entitled to vote on the proposal. Assuming a quorum is present, approval of, on a non-binding advisory basis, the compensation that may become payable to Idera's named executive officers that is based on or otherwise relates to the mergers requires the affirmative vote of the holders of a majority of the shares of Idera common stock present represented in person or by proxy at the Idera special meeting and voting on the proposal, although such vote will not be binding on Idera, the Idera board or any of its committees, or, following completion of the mergers, the combined company.

If a quorum is not present, the Idera special meeting may be adjourned by the chairman of the Idera special meeting, to reconvene at the same or another place, and notice need not be given of any such adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken.

## The BioCryst Special Meeting (see page 35)

The BioCryst special meeting is scheduled to be held at BioCryst's corporate offices at 4505 Emperor Blvd., Suite 200, Durham, North Carolina 27703 on July 10, 2018 at 10:00 a.m.,

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Eastern Time, subject to any adjournments or postponements thereof. The BioCryst special meeting is being held in order to consider and vote on:

the proposal to adopt the merger agreement, which is further described in the sections titled "The Mergers" and "The Merger Agreement," beginning on pages 53 and 116, respectively, of this joint proxy statement/prospectus;

the proposal to approve, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers; and

the proposal to adjourn the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement.

Only holders of record of BioCryst common stock at the close of business on May 29, 2018, the record date for the BioCryst special meeting, are entitled to notice of, and to vote at, the BioCryst special meeting or any adjournments or postponements thereof. At the close of business on the BioCryst record date, 98,821,091 shares of BioCryst common stock were issued and outstanding, approximately 1% of which were held by BioCryst's directors and executive officers and their affiliates. We currently expect that BioCryst's directors and executive officers will vote their shares in favor of each proposal being submitted to a vote of the BioCryst stockholders at the BioCryst special meeting, although no director or executive officer has entered into any agreement obligating him or her to do so.

You may cast one vote for each share of BioCryst common stock you own. The proposal to adopt the merger agreement requires the affirmative vote of the holders of a majority of the issued and outstanding shares of BioCryst common stock entitled to vote on the proposal. Assuming a quorum is present, approval of, on a non-binding advisory basis, the compensation that may become payable to BioCryst's named executive officers that is based on or otherwise relates to the mergers requires the affirmative vote of the holders of a majority of the shares of BioCryst common stock present in person or represented by proxy, at the BioCryst special meeting and voting on the proposal, although such vote will not be binding on BioCryst, the BioCryst special meeting, if necessary or appropriate, to solicit additional proxies if there are not sufficient votes to adopt the merger agreement requires the affirmative vote of holders of a majority of the issued and outstanding shares of BioCryst common stock present in person or represented by proxy at the BioCryst special meeting and voting on the proposal, although such vote sufficient votes to adopt the merger agreement requires the affirmative vote of holders of a majority of the issued and outstanding shares of BioCryst common stock present in person or represented by proxy at the BioCryst special meeting and voting on the proposal, assuming a quorum is present.

If a quorum is not present, the BioCryst special meeting may be adjourned by the vote of the holders of a majority of the shares of BioCryst common stock present or represented by proxy and entitled to vote, to reconvene at the same or another place. If a quorum is present at the BioCryst special meeting but there are not sufficient votes at the time of the BioCryst special meeting to adopt the merger agreement, then BioCryst stockholders may be asked to vote on the BioCryst adjournment proposal. Notice need not be given of any such adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken.

## SUMMARY HISTORICAL FINANCIAL DATA

## Summary Historical Financial Data of Idera

The following statement of operations and comprehensive loss data for the years ended December 31, 2017, 2016 and 2015 and the balance sheet data as of December 31, 2017 and 2016 have been derived from the audited financial statements of Idera contained in its Annual Report on Form 10-K for the fiscal year ended December 31, 2017, which is incorporated into this joint proxy statement/prospectus by reference. The statement of operations data and comprehensive loss data for the years ended December 31, 2014 and 2013 and the balance sheet data as of December 31, 2015, 2014 and 2013 have been derived from the audited financial statements of Idera not incorporated into this joint proxy statement/prospectus by reference.

The statement of operations and comprehensive loss data for the three months ended March 31, 2018 and 2017 and the balance sheet data as of March 31, 2018 have been derived from Idera's unaudited interim financial statements contained in its Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2018, which is incorporated into this joint proxy statement/prospectus by reference. The financial data as of March 31, 2017 are derived from Idera's unaudited financial statements from Idera's Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2017, which is not incorporated by reference into this joint proxy statement/prospectus. These interim financial statements are unaudited, but, in the opinion of Idera's management, contain all adjustments necessary to present fairly Idera's financial position, results of operations and cash flows for the periods indicated.

The information set forth below is only a summary and it is not necessarily indicative of the results of future operations of Idera, nor does it include the effects of the mergers. Interim results for the three months ended as of March 31, 2018 are not necessarily indicative of, and are not projections for, the results to be expected for the fiscal year ended December 31, 2018.

You should read this summary historical financial data together with the financial statements that are incorporated by reference into this joint proxy statement/prospectus and their accompanying notes and management's discussion and analysis of financial condition and results of operations of Idera contained in such reports.

		Year End	ed December	31,	1	Three Months Ended March 31,		
	2017	2016	2015	2014	2013	2018	2017	
		(In tho	usands, excep	t share and p	er share data	)		
Statement of Operations and Comprehensive Loss								
Data:								
Alliance revenue	\$ 902 \$	16,199 \$	249 \$	73 \$	47 \$	255 \$	378	
Operating expenses:								
Research and development	50,653	39,824	33,699	27,493	10,475	13,556	11,485	
General and administrative	16,716	15,132	15,396	11,332	7,741	6,979	4,081	
Total operating expenses	67,369	54,956	49,095	38,825	18,216	20,535	15,566	
Loss from operations	(66,467)	(38,757)	(48,846)	(38,752)	(18,169)	(20,280)	(15,188)	
Other income (expense):								
Interest income	574	415	357	66	11	211	153	
Interest expense	(50)	(80)	(105)	(27)		(7)	(16)	
Foreign currency exchange gain (loss)	(41)	33	39	71	(68)	(19)	(6)	
Net loss before extinguishment of convertible preferred stock, and preferred stock accretion and dividends	\$ (65,984) \$	(38,389) \$	(48,555) \$	(38,642) \$	(18,226) \$	(20,095) \$	(15,057)	
Loss on extinguishment of convertible preferred stock, and preferred stock accretion and dividends				519	2,866			
Net loss applicable to common stockholders	\$ (65,984) \$	(38,389) \$	(48,555) \$	(39,161) \$	(21,092) \$	(20,095) \$	(15,057)	
Basic and diluted net loss per share applicable to common stockholders	\$ (0.42) \$	(0.30) \$	(0.42) \$	(0.47) \$	(0.48) \$	(0.10) \$	(0.10)	
Shares used in computing basic and diluted net loss per common share applicable to common stockholders	157,398	127,597	115,092	82,827	43,906	199,037	149,100	
Net loss	(65,984)	(38,389)	(48,555)	(38,642)	(18,226)	(20,095)	(15,057)	
Other comprehensive gain (loss):								
Unrealized gain (loss) on available-for-sale securities	17	117	(117)	(10)	(7)		16	
Other comprehensive gain (loss):	17	117	(117)	(10)	(7)		16	
Comprehensive loss	\$ (65,967) \$	(38,272) \$	(48,672) \$	(38,652) \$	(18,233) \$	(20,095) \$	(15,041)	

	As of December 31,									As of M	As of March 31,		
	2017		2016		2015		2014		2013		2018		2017
			(I	n th	ousands, ex	cej	pt share and	l pe	er share dat	a)			
Balance Sheet Data:													
Cash, cash equivalents													
and investments	\$ 112,629	\$	109,014	\$	87,157	\$	48,571	\$	35,592	\$	107,459	\$	91,262
Working capital	106,512		101,691		56,427		35,384		25,867		97,711		88,490
Total assets	118,417		113,231		92,276		51,426		36,867		111,751		97,573
Capital lease obligations	15		15		22		21		9		12		22
Note payable	209		501		762		870				131		431
Accumulated deficit	(604,494)		(538,470)		(500,081)		(451,526)		(412,884)		(624,589)		(553,568)

Total stockholders'							
equity	107,695	103,349	83,582	43,402	32,452	98,884	90,191
			16				

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#### Summary Historical Consolidated Financial Data of BioCryst

The following statement of operations data for the years ended December 31, 2017, 2016 and 2015 and the balance sheet data as of December 31, 2017 and 2016 have been derived from the audited consolidated financial statements of BioCryst contained in its Annual Report on Form 10-K for the fiscal year ended December 31, 2017, and any amendments thereto, which is incorporated into this joint proxy statement/prospectus by reference. The statement of operations data for the years ended December 31, 2014 and 2013 and the balance sheet data as of December 31, 2015, 2014 and 2013 have been derived from the audited financial statements of BioCryst not incorporated into this joint proxy statement/prospectus by reference.

The statement of operations and comprehensive loss data for the three months ended March 31, 2018 and 2017 and the balance sheet data as of March 31, 2018 have been derived from BioCryst's unaudited interim financial statements contained in its Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2018, which is incorporated into this joint proxy statement/prospectus by reference. The financial data as of March 31, 2017 are derived from BioCryst's unaudited financial statements from BioCryst's Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2017, which is not incorporated by reference into this joint proxy statement/prospectus. These interim financial statements are unaudited, but, in the opinion of BioCryst's management, contain all adjustments necessary to present fairly BioCryst's financial position, results of operations and cash flows for the periods indicated.

The information set forth below is only a summary and is not necessarily indicative of the results of future operations of BioCryst nor does it include the effects of the mergers. Interim results for the three months ended as of March 31, 2018 are not necessarily indicative of, and are not projections for, the results to be expected for the fiscal year ended December 31, 2018.

You should read this summary historical financial data together with the financial statements that are incorporated by reference into this joint proxy statement/prospectus and their accompanying notes and management's discussion and analysis of the financial condition and results of operations of BioCryst contained in such reports. For more information, see "Where You Can Find More Information" beginning on page 172 of this joint proxy statement/prospectus.

	December 31,									March 31,				
		2017		2016		2015		2014		2013		2018		2017
				(	Int	thousands,	ex	cept per sl	ar	e amounts)				
Statement of Operations Data:														
Total revenues	\$	25,186	\$	26,353	\$	48,257	\$	13,608	\$	17,331	\$	3,976	\$	9,437
Cost of product sold		1,142		2,297		1,368		1						
Research and development expenses		66,962		61,008		72,758		51,796		41,943		18,441		16,770
General and administrative														
expenses		13,933		11,253		13,047		7,461		6,007		7,609		3,058
Royalty expense		560		402		528		121		98		140		294
Loss from operations		(57,411)		(48,607)		(39,444)		(45,771)		(30,717)		(22,214)		(10,685)
Net loss		(65,782)		(55,144)		(43,019)		(45,189)		(30,108)		(25,777)		(14,219)
Basic and diluted net loss per share	\$	(0.78)	\$	(0.75)	\$	(0.59)	\$	(0.68)	\$	(0.55)	\$	(0.26)	\$	(0.19)
Weighted average shares outstanding		84,451		73,699		72,901 17		66,773		55,216		98,592		75,167

	December 31,								March 31,		
	2017		2016		2015		2014	2013	2018		2017
						(In	thousands)				
Balance Sheet Data:											
Cash, cash equivalents											
and investments	\$ 158,978	\$	65,122	\$	100,858	\$	114,038	\$ 40,788	\$ 137,505	\$	105,283
Receivables	6,117		8,768		6,243		9,490	2,115	5,694		9,564
Inventory			500		1,612		683		7		655
Total assets	178,259		89,847		122,359		134,238	45,791	155,372		129,513
Long-term deferred											
revenue			8,184		9,674		3,552	4,736			7,888
Non-recourse notes											
payable	28,682		28,243		27,804		27,364	26,925	28,792		28,353
Senior credit facility	23,214		22,777						21,611		22,887
Accumulated deficit	(631,843)		(566,061)	1	(510,917)	1	(467,898)	(422,709)	(656,494)		(580,280)
Total stockholders' equity (deficit)	83,767		1,578		47,724 18		75,635	(1,126)	62,054		38,530

## UNAUDITED EQUIVALENT AND COMPARATIVE PER SHARE DATA

Presented below are BioCryst's and Idera's historical per share data for the three months ended March 31, 2018 and the year ended December 31, 2017 and unaudited pro forma combined per share data for the three months ended March 31, 2018 and the year ended December 31, 2017. This information should be read together with the consolidated financial statements, in the case of BioCryst, the financial statements, in the case of Idera, and related notes of BioCryst and Idera that are incorporated by reference in this joint proxy statement/prospectus and with the unaudited pro forma combined financial data included under "Selected Unaudited Pro Forma Condensed Combined Financial Information of Idera and BioCryst" beginning on page 141 of this joint proxy statement/prospectus. The pro forma information is presented for illustrative purposes only and is not necessarily indicative of the operating results or financial position that would have occurred if the mergers had been completed as of the beginning of the periods presented, nor is it necessarily indicative of the future operating results or financial position of the combined company. The historical book value per share is computed by dividing total stockholders' equity (deficit) by the number of shares of common stock issued and outstanding at the end of the period. The pro forma income (loss) per share of the combined company is computed by dividing the pro forma income (loss) by the pro forma weighted average number of shares issued and outstanding. The pro forma book value per share of the combined company is computed by dividing total pro forma stockholders' equity (deficit) by the pro forma number of shares of common stock issued and outstanding at the end of the period. The unaudited pro forma equivalent per share financial information for each company is computed by multiplying the Holdco unaudited pro forma combined per share amounts by the respective exchange ratio (0.20 shares of Holdco common stock for each share of Idera common stock and 0.50 shares of Holdco common stock for each share of BioCryst common stock).

BioCryst-Historical	Ionths Ended ch 31, 2018	ar Ended ber 31, 2017
Loss per common share:		
Basic	\$ (0.26)	\$ (0.78)
Diluted	\$ (0.26)	\$ (0.78)
Book value per share of common stock	\$ 0.63	\$ 0.85
Dividends per share of common stock		

Idera-Historical	Ionths Ended h 31, 2018	Year End December 31	
Loss per common share:			
Basic	\$ (0.10)	\$	(0.42)
Diluted	\$ (0.10)	\$	(0.42)
Book value per share of common stock	\$ 0.46	\$	0.55
Dividends per share of common stock			

Holdco pro forma combined amounts	Months Ended rch 31, 2018	Year Ended December 31, 2017
Earnings (Loss) per common share:		
Basic	\$ (0.43)	\$ (1.65)
Diluted	\$ (0.43)	\$ (1.65)
Book value per share of common stock	\$ 6.19	N/A
Dividends per share of common stock	N/A	N/A

BioCryst unaudited pro forma equivalent per share data	 Months Ended rch 31, 2018	Year E December	
Earnings per common share:			
Basic	\$ (0.77)	\$	(2.70)
Diluted	\$ (0.77)	\$	(2.70)
Book value per share of common stock	\$ 11.61		N/A
Dividends per share of common stock	N/A		N/A
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## CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This joint proxy statement/prospectus and the documents incorporated by reference into this joint proxy statement/prospectus contain, in addition to historical information, forward-looking statements within the meaning of the federal securities law regarding, among other things, future events or the future financial performance of Idera and BioCryst. Such statements are based upon current plans, estimates and expectations that are subject to various risks and uncertainties. The inclusion of forward-looking statements should not be regarded as a representation that such plans, estimates and expectations will be achieved. Words such as "anticipate," "expect," "project," "intend," "believe," "may," "will," "should," "plan," "could," "target," "contemplate," "estimate," "predict," "potential" and words and terms of similar substance used in connection with any discussion of future plans, actions or events identify forward-looking statements.

Forward-looking statements relating to the transactions contemplated by the merger agreement include, but are not limited to: statements about the benefits of the transactions contemplated by the merger agreement between Idera and BioCryst, including future financial and operating results; Idera's and BioCryst's plans, objectives, expectations and intentions; the expected timing of completion of the transactions contemplated by the merger agreement; and other statements relating to the mergers that are not historical facts. Forward-looking statements are based on information currently available to Idera and BioCryst and involve estimates, expectations and projections. Investors are cautioned that all such forward-looking statements are subject to risks and uncertainties, and important factors could cause actual events or results to differ materially from Idera's and BioCryst's plans. With respect to the transactions contemplated by the merger agreement between Idera and BioCryst, these factors, in addition to those set forth under "Risk Factors," beginning on page 22 of this joint proxy statement/prospectus, could include, but are not limited to: Idera or BioCryst may be unable to obtain stockholder approval as required for the mergers; conditions to the closing of the mergers may not be satisfied; the mergers may involve unexpected costs, liabilities or delays; the effect of the announcement of the mergers on the ability of Idera or BioCryst to retain and hire key personnel and maintain relationships with patients, doctors and others with whom Idera or BioCryst does business, or on Idera's or BioCryst's operating results and business generally; Idera's or BioCryst's respective businesses may suffer as a result of uncertainty surrounding the mergers and disruption of management's attention due to the mergers; the outcome of any legal proceedings related to the mergers; Idera or BioCryst may be adversely affected by other economic, business, and/or competitive factors; the occurrence of any event, change or other circumstances that could give rise to the termination of the merger agreement; risks that the mergers disrupt current plans and operations and the potential difficulties in employee retention as a result of the mergers; the risk that Idera or BioCryst may be unable to obtain governmental and regulatory approvals required for the transactions, or that required governmental and regulatory approvals may delay the transactions or result in the imposition of conditions that could reduce the anticipated benefits from the transactions contemplated by the merger agreement or cause the parties to abandon the transactions contemplated by the merger agreement; risks that the anticipated benefits of the mergers or other commercial opportunities may otherwise not be fully realized or may take longer to realize than expected; the impact of legislative, regulatory, competitive and technological changes; risks relating to the value of the new holding company shares to be issued in the mergers; expectations for future clinical trials, the timing and potential outcomes of clinical studies and interactions with regulatory authorities; other risks to the consummation of the mergers, including the risk that the mergers will not be consummated within the expected time period or at all; the risk that the credit ratings of the combined company or its subsidiaries may be different from what the companies expect; economic and foreign exchange rate volatility; the continued strength of the medical and pharmaceutical markets; the timing, success and market reception for Idera's and BioCryst's products; the possibility of new technologies outdating Idera's or BioCryst's products; continued support of Idera's or BioCryst's products by influential medical professionals; reliance on and integration of information technology systems; the risks associated with assumptions the parties make in

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connection with the parties' critical accounting estimates and legal proceedings; and the potential of international unrest, economic downturn or effects of currencies, tax assessments, tax adjustments, anticipated tax rates, raw material costs or availability, benefit or retirement plan costs, or other regulatory compliance costs.

Additional factors that may affect the future results of Idera and BioCryst are set forth in their respective filings with the SEC, including each of Idera's and BioCryst's most recently filed Annual Report on Form 10-K and any amendments thereto, subsequent Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other filings with the SEC, which are available on the SEC's website at www.sec.gov. See in particular Item 1A of Idera's Annual Report on Form 10-K for the fiscal year ended December 31, 2017 under the heading "Risk Factors" and Item 1A of BioCryst's Quarterly Report on Form 10-Q for the three months ended March 31, 2018, under the heading "Risk Factors." The risks and uncertainties described above and in Idera's most recent Annual Report on Form 10-K and BioCryst's most recent Quarterly Report on Form 10-Q, are not exclusive and further information concerning Idera and BioCryst and their respective businesses, including factors that potentially could materially affect their respective businesses, financial condition or operating results, may emerge from time to time. Readers should also carefully review the risk factors described in other documents that Idera and BioCryst file from time to time with the SEC.

Many of these risks, uncertainties and assumptions are beyond Idera's or BioCryst's ability to control or predict. Because of these risks, uncertainties and assumptions, you should not place undue reliance on these forward-looking statements. Furthermore, forward-looking statements speak only as of the information currently available to the parties on the date they are made, and neither Idera nor BioCryst undertakes any obligation to update publicly or revise any forward-looking statements to reflect events or circumstances that may arise after the date of this communication. Nothing in this communication is intended, or is to be construed, as a profit forecast or to be interpreted to mean that earnings per Idera share or BioCryst share for the current or any future financial years or those of the combined company, will necessarily match or exceed the historical published earnings per Idera share or BioCryst share, as applicable. Neither Idera nor BioCryst gives any assurance (1) that either Idera, BioCryst or the combined company will achieve its expectations, or (2) concerning any result or the timing thereof, in each case, with respect to any regulatory action, administrative proceedings, government investigations, litigation, warning letters, consent decree, cost reductions, business strategies, earnings or revenue trends or future financial results. All subsequent written and oral forward-looking statements concerning Idera, BioCryst, the transactions contemplated by the merger agreement, the combined company or other matters and attributable to Idera or BioCryst or any person acting on their behalf are expressly qualified in their entirety by the cautionary statements above.

## **RISK FACTORS**

In addition to the other information included and incorporated by reference in this joint proxy statement/prospectus, including the matters addressed in the section entitled "Cautionary Statement Regarding Forward-Looking Statements," you should carefully consider the following risks before deciding how to vote. In addition, you should read and consider the risks associated with each of the businesses of Idera and BioCryst because these risks will also affect the combined company. These risks can be found in the Annual Report on Form 10-K for the fiscal year ended December 31, 2017, in the case of Idera, and in the Annual Report on Form 10-K for the fiscal year ended December 31, 2017, and any amendments thereto, in the case of BioCryst, as such risks may be updated or supplemented in each company's subsequently filed Quarterly Reports on Form 10-Q or Current Reports on Form 8-K, which are incorporated by reference into this joint proxy statement/prospectus. You should also read and consider the other information in this joint proxy statement/prospectus and the other documents incorporated by reference in this joint proxy statement/prospectus. See the section entitled "Where You Can Find More Information" beginning on page 172 of this joint proxy statement/prospectus.

## **Risk Factors Relating to the Mergers**

#### BioCryst stockholders and Idera stockholders cannot be sure of the value of the merger consideration they will receive.

BioCryst stockholders and Idera stockholders will receive a fixed number of shares of Holdco common stock in the BioCryst merger and the Idera merger, respectively, rather than a number of shares of Holdco common stock with a particular fixed market value. The market values of BioCryst common stock and Idera common stock at the effective time may vary significantly from their prices on the date prior to the date the merger agreement was executed, the date of this joint proxy statement/prospectus or the date on which BioCryst stockholders and Idera stockholders vote on the proposal to adopt the merger agreement. Because the exchange ratios are fixed and will not be adjusted to reflect any changes in the market prices of BioCryst common stock or Idera common stock, the market value of the Holdco common stock issued in the BioCryst merger or the Idera merger, as applicable, and the BioCryst common stock and Idera common stock surrendered in the BioCryst merger and the Idera merger, respectively, may be higher or lower than the values of these shares on earlier dates. All of the merger consideration to be received by BioCryst stockholders and Idera stockholders will be Holdco common stock (other than cash in lieu of fractional shares received by BioCryst stockholders and Idera stockholders). At the time of the special meetings, BioCryst stockholders and Idera stockholders will not know or be able to determine the value of the Holdco common stock they may receive upon completion of the mergers. Changes in the market prices of BioCryst common stock and Idera common stock may result from a variety of factors that are beyond the control of BioCryst or Idera, including changes in their respective businesses, operations and prospects, regulatory considerations, governmental actions, and legal proceedings and other developments. Market assessments of the benefits of the mergers, the likelihood that the mergers will be completed and general and industry-specific market and economic conditions may also have an effect on the market price of BioCryst common stock and Idera common stock. Changes in market prices of BioCryst common stock and Idera common stock may also be caused by fluctuations and developments affecting industry-specific and general economic and market conditions and may have an adverse effect on BioCryst common stock and Idera common stock prior to the consummation of the mergers.

Neither BioCryst nor Idera is permitted to terminate the merger agreement solely because of changes in the market prices of either party's common stock. In addition, the market values of BioCryst common stock and Idera common stock may vary significantly from the date of the special meetings to the date of the completion of the mergers. You are urged to obtain up-to-date prices for BioCryst common stock and Idera common stock. There is no assurance that the mergers will be completed, that there will not be a delay in the completion of the mergers or that all or any of the anticipated benefits of the mergers will be obtained. For ranges of historic prices of BioCryst common stock and Idera common stock, see "Comparative Stock Price Data and Dividends" beginning on page 154 of this joint proxy statement/prospectus.

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# The market price for Holdco common stock may be affected by factors different from those that historically have affected BioCryst common stock and Idera common stock.

Upon completion of the mergers, holders of shares of BioCryst common stock (other than any shares held in treasury), holders of shares of Idera common stock (other than any shares held in treasury) and holders of Idera preferred stock will become holders of shares of Holdco common stock. BioCryst and Idera each have businesses that differ from each other. Accordingly, the results of operations of Holdco will be affected by some factors that are different from those currently affecting the results of operations of each of BioCryst and Idera. For a discussion of the businesses of BioCryst and Idera and of some important factors to consider in connection with those businesses, see the documents incorporated by reference in this joint proxy statement/prospectus and referred to under "Where You Can Find More Information" beginning on page 172 of this joint proxy statement/prospectus.

## Any delay in completing the mergers may reduce or eliminate the benefits expected to be achieved thereunder.

The mergers are subject to a number of conditions beyond BioCryst's and Idera's control that may prevent, delay or otherwise materially adversely affect their completion. We cannot predict whether and when these other conditions will be satisfied. Any delay in completing the mergers could cause the combined company not to realize, or to be delayed in realizing, some or all of the synergies and other benefits that we expect to achieve if the mergers are successfully completed within their expected time frame. See "The Merger Agreement Conditions to Completion of the Mergers" beginning on page 131 of this joint proxy statement/prospectus.

## BioCryst and Idera will be subject to business uncertainties while the mergers are pending, which may cause a loss of management personnel and other key employees which could adversely affect the future business and operations of the combined company.

Uncertainty about the completion or effect of the mergers may affect the relationship between BioCryst and Idera and their respective patients, doctors, licensors and licensees and may have an adverse effect on BioCryst and/or Idera, and consequently on the combined company. These uncertainties may cause patients, doctors, licensors and others that deal with the parties to seek to change existing business relationships with them and to delay or defer decisions concerning BioCryst or Idera. Changes to existing business relationships, including termination or modification, could negatively affect each of BioCryst's and Idera's revenues, earnings and cash flow, as well as the market price of its common stock.

BioCryst and Idera are dependent on the experience and industry knowledge of their respective officers and other key employees to execute their business plans. The combined company's success after the mergers will depend in part upon the ability of BioCryst and Idera to retain key management personnel and other key employees. Current and prospective employees of BioCryst and Idera may experience uncertainty about their roles within the combined company following the mergers, which may have an adverse effect on the ability of each of BioCryst and Idera to attract or retain key management and other key personnel. If key employees depart because of issues related to the uncertainty and difficulty of integration or a desire not to remain with the businesses, the combined company's business following the consummation of the mergers could be negatively impacted. Accordingly, no assurance can be given that the combined company will be able to attract or retain key management personnel and other key employees of BioCryst and Idera to the same extent that BioCryst and Idera have previously been able to attract or retain their own employees. A failure by BioCryst, Idera or, following the completion of the mergers, the combined company to attract, retain and motivate executives and other key employees during the period prior to or after the completion of the mergers could have a negative impact on their respective businesses.

## BioCryst and Idera will be subject to certain contractual restrictions while the mergers are pending.

The merger agreement restricts each of BioCryst and Idera from making certain acquisitions and divestitures, entering into certain contracts, incurring certain indebtedness and expenditures, paying dividends, repurchasing or issuing securities outside of existing equity award programs, and taking other specified actions, if outside the ordinary course of business consistent with past practice, until the earlier of the completion of the mergers or the termination of the merger agreement without the consent of the other party. These restrictions may prevent BioCryst and/or Idera from pursuing attractive business opportunities that may arise prior to the completion of the mergers and could have the effect of delaying or preventing other strategic transactions. Adverse effects arising from the pendency of the mergers could be exacerbated by any delays in consummation of the mergers or the termination of the merger agreement. See the section entitled "The Merger Agreement Conduct of Business Pending the Effective Time" beginning on page 120 of this joint proxy statement/prospectus.

## Third parties may terminate or alter existing contracts or relationships with BioCryst or Idera.

Each of BioCryst and Idera has contracts with doctors, vendors, landlords, licensors, joint venture partners, and other business partners which may require BioCryst or Idera, as applicable, to obtain consent from these other parties in connection with the mergers. If these consents cannot be obtained, the counterparties to these contracts and other third parties with which BioCryst and/or Idera currently have relationships may have the ability to terminate, reduce the scope of or otherwise materially adversely alter their relationships with either or both parties in anticipation of the mergers, or with the combined company following the mergers. The pursuit of such rights may result in BioCryst, Idera or the combined company suffering a loss of potential future revenue or incurring liabilities in connection with a breach of such agreements and may lose rights that are material to its business. Any such disruptions could limit the combined company's ability to achieve the anticipated benefits of the mergers. The adverse effect of such disruptions could also be exacerbated by a delay in the completion of the mergers or the termination of the mergers agreement.

## Idera or BioCryst may waive one or more of the closing conditions without re-soliciting stockholder approval.

Idera or BioCryst may determine to waive, in whole or in part, one or more of the conditions to its obligations to consummate the mergers. Idera or BioCryst currently expect to evaluate the materiality of any waiver and its effect on Idera stockholders or BioCryst stockholders, as applicable, in light of the facts and circumstances at the time to determine whether any amendment of this joint proxy statement/prospectus or any re-solicitation of proxies or voting cards is required in light of such waiver. Any determination whether to waive any condition to the mergers or as to re-soliciting stockholder approval or amending this joint proxy statement/prospectus as a result of a waiver will be made by Idera or BioCryst, as applicable, at the time of such waiver based on the facts and circumstances as they exist at that time.

#### The merger agreement may be terminated in accordance with its terms and the mergers may not be completed.

The completion of the mergers is subject to the satisfaction or waiver of a number of conditions. Those conditions include: (i) the adoption of the merger agreement by the affirmative vote of the holders of a majority of all issued and outstanding shares of Idera common stock and BioCryst common stock, respectively, entitled to vote thereon; (ii) the authorization of the shares of Holdco common stock to be issued to Idera stockholders and BioCryst stockholders for listing on the Nasdaq, subject to official notice of issuance; (iii) the effectiveness of the registration statement of which this joint proxy statement/prospectus forms a part and the absence of any stop order in respect thereof; (iv) the absence of certain governmental restraints or prohibitions preventing consummation of the mergers; (v) the receipt of certain regulatory approvals under competition laws, including the termination or expiration of the waiting period under the HSR Act; (vi) the truth and correctness of

